

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 1748

TO: Nita M Minnifield

Location: rem/3C01/3C18

Art Unit: 1645

Tuesday, November 29, 2005

Case Serial Number: 10/774602

From: Mary Jane Ruhl

Location: Biotech-Chem Library

Remsen 1-A-62

Phone: 571-272-2524

maryjane.ruhl@uspto.gov

Search Notes

Examiner Minnifield,

Here are the results for your recent search request.

Please feel free to contact me if you have any questions about these results.

Thank you for using STIC services. We appreciate the opportunity to serve you.

Sincerely,

Mary Jane Ruhl Technical Information Specialist STIC Remsen 1-A-62 Ext. 22524 Reviewed 12/05 12/05



From:

Minnifield, Nita

Sent:

Thursday, November 17, 2005 11:48 AM

To: Subject: STIC-Biotech/ChemLib interference search request

10/774602

RIOV 17 2005

STIC

Please do an interference sequence search on SEQ ID NO:11-14 of this application.

Please provide a paper copy of all results.

Thanks,
Minnifield
71976
Art Unit 1645
Office REM-3C01
Mailbox REM-3C18
571-272-0860

Searcher: ______ Searcher Phone: _____ Date Searcher Picked up: _____ Date completed: ____ Searcher Prep Time: ____ Online Time:

Type of Search
NA# AA#:
S/L: Oligomer:
Encode/Transl:
Structure #: Text:
Inventor: Litigation:

Vendors and cost where applicable
STN:_____
DIALOG:___
QUESTEL/ORBIT:____
LEXIS/NEXIS:___
SEQUENCE SYSTEM:____
WWW/Internet:___
Other (Specify):_____

158, App 33, Appl 31, Appl 2, Appli 18, Appl 18, Appl 502, App 404, Appl 42, Appl 210, Appl

Sequence Sequence Sequence Sequence Sequence Sequence

Sequence Sequence

Sequence Sequence Sequence Sequence Sequence Sequence Sequence

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APPLICANT: Wood William
APPLICANT: Wood William
APPLICANT: Abang, Zemin
APPLICANT: Chang, Zemin
APPLICANT: Chang, Zemin
APPLICANT: Chang, Zemin
APPLICANT: Chang, Zemin
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C128
CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 1997-06-18
PRIOR PLING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/05914
PRIOR PLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059113
PRIOR PLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05918
PRIOR PLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05918
PRIOR PLING DATE: 1997-09-17
PRIOR PLING DATE: 1997-09-17
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PRIOR PLING DATE: 1997-09-19
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PRIOR PLING DATE: 1997-09-18
PRIOR PLING DATE: 1997-09-19
PRIOR PLING DATE: 1997-09-18
                         US-10-510-386-164
US-11-074-176-158
US-10-986-501-311
US-10-986-501-311
US-11-182-592-2
US-10-967-9628-18
US-10-967-9628-18
US-10-131-826A-502
US-10-131-826A-404
US-10-689-742-42
US-10-689-742-42
US-10-689-742-10
US-10-689-742-10
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US-10-986-501-136
US-10-131-826A-94
                                                                                                                                                                                                                           US-10-467-962B-8
                                                                                                                                                                                                                                                                                                             ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 370, Application US/10131826A Publication No. US20050245730A1 GENERAL INFORMATION:
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Filvaroff, Ellen
Gao, Wei-Qiang
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Stewart, Timothy A
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Watanabe, Colin K
Wood, William
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Gurney, Austin L.
Sherwood, Steven
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 DeForge, Laura
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JS-10-131-826A-370
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APPLICANT:
 Sequence 92, Appl
Sequence 15, Appl
Sequence 16, Appl
Sequence 116, Appl
Sequence 100, Appl
Sequence 100, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 2, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 3, Appl
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Sequence 424, App
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                                                                                           November 22, 2005, 20:24:59; Search time 2.71074 Seconds (without alignments) 17.088 Million cell updates/sec
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1 MLSHLYVSSKDKENISKEND......VLDEKEREAEETEEEELEEK 41
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2: /cgn2 -6/ptodata/1/pubpaa/US06 NEW PUB.pep:*
3: /cgn2 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
4: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
5: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
6: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
7: /cgn2 6/ptodata/1/pubpaa/US1 NEW PUB.pep:*
8: /cgn2 6/ptodata/1/pubpaa/US1 NEW PUB.pep:*
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(c) 1993 - 2005 Compugen Ltd.
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US-11-074-176-92

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US-11-074-176-92

US-10-189-2545-15

US-10-131-826A-16

US-10-689-742-116

US-10-689-742-116

US-10-131-826A-16

US-10-10-138-26

US-10-689-742-18

US-11-074-176-132

US-11-074-176-132

US-11-038-284-33

US-11-038-284-33

US-11-038-284-15

US-11-039-28-116

US-11-039-28-116

US-11-058-28-116
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US-10-689-742-68
US-10-689-742-74
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Maximum Match 100%
Listing first 45 summaries
                                                                   OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Gaps

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APPLICANT: Klaenhammer, Todd R.
APPLICANT: Ruseall, William M.
APPLICANT: Ruseall, William M.
APPLICANT: Ruseall, William M.
APPLICANT: Alermann, Eric
APPLICANT: McAuliffe, Olivia
TITLE OF INVENTION: Nucleic Acid Sequences Encoding
TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore
TILE REFERENCE: 5051-694
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: 05/11/074,176
PRIOR APPLICATION NUMBER: 60/551,161
PRIOR APPLICATION NUMBER: 60/551,161
PRIOR PILING DATE: 2004-03-08
NUMBER OF SEQ ID NOS: 381
SOFTWARE: PSELSEQ for Windows Version 4.0
SEQ ID NO 324
LENGTH: 389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29.9%; Score 61; DB 7; Length 389; 33.3%; Pred. No. 0.43; tive 11; Mismatches 11; Indels
  Indels
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APPLICANT: Rlaenhammer, Todd R.
APPLICANT: Alexann, William M.
APPLICANT: Alexann, Elic
APPLICANT: Actailife, Olivia
APPLICANT: Peril, Andrea Azcarate
TITLE OF INVENTION: Nucleic Acid Sequences Encoding
TITLE OF INVENTION: Stress-Related Proteins and Uses T
TILE OF INVENTION WINNER: 60/551,161
PRIOR APPLICATION WINNER: 60/551,161
PRIOR FILING DATE: 2004-03-08
NUMBER OF SEQ ID NOS: 381
SOFTWARE: PRAESEQ for Windows Version 4.0
SEQ ID NO 92.
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11;
                                                                                  248 KDDSNEEENKDSLVDDEEEKEDLGDEDEAEEE 279
                                                     10 KDKENISKENDDVLDEKEEBAEETEEELEEK 41
11; Conservative 10; Mismatches
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; ORGANISM: Lactobacillus acidophilus
US-11-074-176-92
                                                                                                                                                                                                                                     Sequence 324, Application US/11074176 Publication No. US20050250135A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Lactobacillus acidophilus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 92, Application US/11074176; Publication No. US20050250135A1; GENERAL INFORMATION:
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Best Local Similarity 33.3%
Matches 13; Conservative
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Matches 13, Conserva
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US-11-074-176-92
  Matches
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CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/05974
PRIOR FILING DATE: 1997-06-18
PRIOR FILING DATE: 1997-06-17
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-18
PRIOR FILING DATE: 1997-09-19
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                                                                                                                                                                                     31.9%; Score 65; DB 1; Length 642; 45.0%; Pred. No. 0.28; tive 5; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                  2 LSHLYV----SSKDKENISKENDDVLDEKEBEAEFTEEE 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 424, Application US/10131826A
Publication No. US20050245730A1
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Watanabe, Colin K
Wood, William
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Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DeForge, Laura
NUMBER OF SEQ ID NOS: 550
                                                                               ; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-424
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Best Local Similarity
                      SEQ ID NO 370
LENGTH: 642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 424
LENGTH: 349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1; Length 770;
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Pred. No. 2.3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            238 EEEEADDDEDDEDGBVEEEAEEPYEEATE 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: PEPTIDE
LOCATION: (721)..(770)
OTHER INFORMATION: gamma-CTF(50)
                                                                                                                                                                                                                                                                                                                               NAME/KEY: PEPTIDE
LOCATION: (714)..(770)
OTHER INFORMATION: gamma-CTF(57)
                                                                                                                                                                                                                                                NAME/KEY: PEPTIDE
LOCATION: (712)..(770)
OTHER INFORMATION: gamma-CTF(59)
FEATURE:
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Best Local Similarity 46.7%;
Matches 14; Conservative
                                                                              NAME/KEY: PEPTIDE
LOCATION: (688)..(713)
OTHER INFORMATION: P3(42)
                                                                                                                                            FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (688)..(711)
OTHER INFORMATION: P3(40)
                 LOCATION: (688)..(770)
OTHER INFORMATION: C83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LOCATION: (740)...(770)
; OTHER INFORMATION: C31
US-10-982-545-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-789-273-38
                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Amyloid beta A4 precursor (APP, ABPP), isoform a, protease OTHER INFORMATION: nextn II (PN-II), cerebral vascular amyloid peptide (CVAP), OTHER INFORMATION: amyloid-beta protein, beta-amyloid peptide, A4 amyloid protein, OTHER INFORMATION: Alzheimer's disease amyloid protein PEATURE:
NAME/KEY: SIGNAL
LOCATION: (17). (17)
OTHER INFORMATION: signal peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAMB/KEY: PEPTIDE
LOCATION: (1) .. (40)
OTHER INFORMATION: biomarker peptide 4320 Da (IMAC-Ni), A-beta 1-40
OTHER INFORMATION: peptide fragment of Amyloid beta A4 precursor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (672)..(711)
CHER INFORMATION: biomarker peptide 4330 Da, fragment of Amyloid
OTHER INFORMATION: beta A4 precursor, beta-amyloid protein 40
PEATURE:
                                WESULT 5

WS-10-982-545-15

WS-10-982-545-15

WS-10-982-545-15

WS-10-982-545-15

Publication No. US20050244890A1

GENERAL INPORMATION:

APPLICANT: Davies, Huw Alun

APPLICANT: Simonsen, Anja Hviid

APPLICANT: Simonsen, Anja Hviid

APPLICANT: Ciphergen Biosystems, Inc.

APPLICANT: Ciphergen Biosystems, Inc.

APPLICANT: Ciphergen Biosystems, Inc.

TITLE OF INVENTION: Biomarkers for Alzheimer's Disease

FILE REPERENCE: 0.4686-0.11550US

CURRENT FILING DATE: 2004-11-06

FRIOR FILING DATE: 2003-11-07

FRIOR FILING DATE: 2003-11-07

FRIOR PLILOR ON NUMBER: US 60/526,753

FRIOR PLILOR ON NUMBER: US 60/547,250

FRIOR PLILOR DATE: 2004-02-19

FRIOR APPLICATION NUMBER: US 60/558,896

FRIOR PLILOR DATE: 2004-02-23

FRIOR PLILOR DATE: 2004-02-04-05

FRIOR APPLICATION NUMBER: US 60/586,503

FRIOR PLILOR DATE: 2004-07-08

NUMBER OF SEQ ID NOS: 16

SEQ ID NO 15

LENGTH: 770

LENGTH: 770

LENGTH: 770

LENGTH: 770

LENGTH: 770

LENGTH: 770

LENGTH: 770
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NAME/KEY: PEPTIDE
LOCATION: (672)..(713)
OTHER INFORMATION: beta-amyloid protein 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: (18)..(687)
OTHER INFORMATION: soluble APP-alpha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: PEPTIDE
LOCATION: (18)..(671)
JTHER INFORMATION: soluble APP-beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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LOCATION: (672) (770)
OTHER INFORMATION: C99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (18)..(
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Pag

APPLICANT: Racie, Lisa A

APPLICANT: Evans, Cheryl

APPLICANT: Evans, Cheryl

APPLICANT: Murice

APPLICANT: Tready, Murice

APPLICANT: Spaulding, Vikki

TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM

FILE REFERENCE: 00766.00091.10

CURRENT APPLICATION NUMBER: US/10/689,742

PRIOR APPLICATION NUMBER: 09/746,783

PRIOR APPLICATION NUMBER: 09/746,783

PRIOR APPLICATION NUMBER: 09/746,783

PRIOR APPLICATION NUMBER: 09/746,783

SEQ. ID NOS: 231

SEQ. ID NO 116

LENGTH: 314

TYPE: no.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (150).
OTHER INFORMATION: Xaa can be any naturally occurring amino acid
FEATURE:
NAME/KEY: misc feature
LOCATION: (204). (204)
OTHER INFORMATION: Xaa can be any naturally occurring amino acid
JOCATION: (204). (204)
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US-10-131-826A-160
; Sequence 160, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sequence 50, Application US/10510386; Publication No. US20050244922A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Bacillus licheniformis US-10-510-386-50
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Best Local Similarity
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PRIOR FILING DATE: 1997-06-18
PRIOR FLING DATE: 1997-06-18
PRIOR FLING DATE: 1997-06-18
PRIOR PLING DATE: 1997-06-18
PRIOR PLING DATE: 1997-08-17
PRIOR APPLICATION NUMBER: 60/059113
PRIOR APPLICATION NUMBER: 60/059115
PRIOR PLING DATE: 1997-09-17
PRIOR PLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059117
PRIOR PLING DATE: 1997-09-17
PRIOR PLING DATE: 1997-09-17
PRIOR PLING DATE: 1997-09-17
PRIOR PLING DATE: 1997-09-19
PRIOR PLING DATE: 1997-09-19
PRIOR PLING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR PLING DATE: 1997-09-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P33304128
CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 2002-04-24
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US-10-689-742-116
Sequence 116, Application US/10689742
Sequence 116, Application Wo'10689742
GENERAL INFORMATION:
APPLICANT: JACOSB, Kenneth
APPLICANT: MCCOY, JOHN M
APPLICANT: LaVallie, Edward R
                                                                                                                                                                                                                            Sequence 16, Application US/10131826A Publication Vo. US20050245730A1 GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                Desnoyers, Luc
Filvaroff, Ellen
Gao, Wei-Qiang
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tumas,Daniel
Watanabe,Colin K
                                                                                                                                                                                                                                                                                                                                 Beresini, Maureen
DeForge, Laura
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Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                           RESULT 7
US-10-131-826A-16
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LENGTH: 691
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APPLICANT:
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                                                                                                                                                                                                                                                                                                     APPLICANT: Andersen, Jens Tonne
APPLICANT: Clausen, 1D Groth
APPLICANT: Clausen, 1D Groth
APPLICANT: Jorgensen, Steen Troels
APPLICANT: Jorgensen, Steen Troels
APPLICANT: Olsen, Peter Bjarke
APPLICANT: Rasmussen, Michael Dolberg
TITLE OF INVENTION: Improved Bacillus Host Cells
FILE REFERENCE: 10294.204 us
CURRENT APPLICATION NUMBER: US10/510,386
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 248
SOFTWARE: Patentin version 3.3
SEQ ID NO 50
LENGTH: 227
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Sequence 132, Application US/11074176 Publication No. US20050250135A1 GENERAL INFORMATION:
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                                                                                                                                         ; ORGANISM: Arabidopsis thaliana
US-10-467-962B-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                Query Match
Best Local Similarity 48.4%;
Matches 15; Conservative
NUMBER OF SEQ ID NOS: 109
SOFTWARE: Patentin Vers. 2.0
SEQ ID NO 16
LENGTH: 303
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CURRENT APPLICATION NUMBER: US/10/131,826A

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION WUMBER: 60/049911

PRIOR APPLICATION NUMBER: 60/059113

PRIOR PILING DATE: 1997-08-17

PRIOR PILING DATE: 1997-09-17

PRIOR PILING DATE: 1997-09-18

PRIOR PILING DATE: 1997-09-18

PRIOR PILING DATE: 1997-09-19

PRIOR PILING DATE: 1997-09-19
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US-10-467-962B-16
i Sequence 16, Application US/10467962B
i Publication No. US20050246784A1
i GENERAL INFORMATION:
i APPLICANT: Plesch, Gunnar
i APPLICANT: Blau, Astrid
i APPLICANT: Rielah, Mathieu
i TITLE OF INVENTION: IGentification of Herbicidally Active Substances
i FILE REFERENCE: 2000 857
i CURRENT APPLICANTON NUMBER: US/10/467,962B
i CURRENT PILING DATE: 2003-08-14
i PRIOR APPLICATION NUMBER: PCT/EPO2/01466
i PRIOR FILING DATE: 2002-02-13
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                                                                                                                                                                                                                                                                                         Smith, Victoria
Stewart, Timothy A
                                                                                                                                                                                                                                                                                                                                                                       Watanabe, Colin K
Wood, William
  Beresini,Maureen
                                                                                                                                                                                                     Godowski, Paul J. Gurney, Austin L.
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ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 10; Conserv
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GENERAL INFORMATION:

| Sequence 45, Application US/10467962B
| Publication No. US20050246784A1
| GENERAL INFORMATION:
| APPLICANT: Plesch, Gunnar
| APPLICANT: Blau, Astrid
| APPLICANT: Blau, Astrid
| APPLICANT: Klein, Machieu
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: 100 B57
| CURRENT APPLICATION NUMBER: PCT/FP02/01466
| PRIOR PILING DATE: 2002-02-13
| NUMBER OF SEQ ID NOS: 109
| SEQ ID NO 45
| LIENGTH NATE OF SEQ ID NOS: 109
| LIENGTH NATE OF SEQ ID NOS: 109
| LIENGTH NATE OF SEQ ID NOS: 109
| LIENGTH NATE OF SEQ ID NO 45
                                                                       Gaps
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GENERAL INCOMENTATION:

APPLICANT: Rlaenhammer, Todd R.

APPLICANT: Russell, William M.

APPLICANT: Altermann, Exic

APPLICANT: Altermann, Exic

APPLICANT: McAuliffe, Olivia

APPLICANT: McAuliffe, Olivia

TITLE OF INVENTION: Nucleic Acid Sequences Encoding

TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore

FILE REPERENCE: 5051-694

CURRENT APPLICATION NUMBER: US/11/074,176

CURRENT APPLICATION NUMBER: 60/551,161

PRIOR FILING DATE: 2004-03-08

NUMBER OF SEQ ID NOS: 381

SOFTWARE: PSSEC for Windows Version 4.0

SEQ ID NO 132

LENGTH: 431
                                                                       4 ;
   DB 1; Length 303;
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                                                                    Indels
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                                                                                                                                 9 SKDKENISKENDDVLDEKEEBAEE--TEEBE 37
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26.5%; Score 54; DB
Best Local Similarity 48.4%; Pred. No. 2;
Matches 15; Conservative 5; Mismatches
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US-10-689-742-8
TYPE: PRT
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TITLE OF INVENTION: METHOD OF TRANSPLANTING IN A MAMMAL AND TREATING DIABETES MELLITU
TITLE OF INVENTION: BY ADMINISTERRING A PSEUDO-ISLET LIKE AGGREGATE DIFFERENTIATED FR
TITLE OF INVENTION: BY ADMINISTERRING A PSEUDO-ISLET LIKE AGGREGATE DIFFERENTIATED FR
TITLE OF INVENTION: BY ADMINISTERRING A PSEUDO-ISLET LIKE AGGREGATE DIFFERENTIATED FR
TITLE OF INVENTION NUMBER: US 09/731,255
FRIOR APPLICATION NUMBER: US 60/169,082
PRIOR FILING DATE: 2000-10-06
PRIOR FILING DATE: 2000-06-28
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: US 60/215,109
PRIOR APPLICATION NUMBER: US 60/215,109
PRIOR APPLICATION NUMBER: US 60/215,109
PRIOR PRILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: US 60/215,109
PRIOR PRILING DATE: 2000-06-28
SEQ ID NOS: 55
SEQ ID NOS: 55
LENGTH: 1618
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APPLICANT: Jacobs, Kenneth
APPLICANT: Jacobs, Kenneth
APPLICANT: Lavalile, Edward R
APPLICANT: Lavalile, Edward R
APPLICANT: Racie, Lisa A
APPLICANT: Racie, Lisa A
APPLICANT: Evans, Cheryl
APPLICANT: Treacy, Maurice
APPLICANT: Spaulding, Vikki
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
FILE REPERENCE: 00766.000091.10
CURRENT APPLICATION NUMBER: US/10/689,742
CURRENT APPLICATION NUMBER: US/10/46,783
FRIOR APPLICATION NUMBER: 09/746,783
FRIOR APPLICATION NUMBER: 2000-12-21
NUMBER OF SEQ ID NOS: 231
SOFTWARE: Patentin version 3.2
SEQ ID NO 8
LENGTH: 140
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                    Query Match
26.2%; Score 53.5; DB 7; Length 431;
Best Local Similarity 34.5%; Pred. No. 3.7;
Matches 10; Conservative 12; Mismatches 6; Indels 1
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Best Local Similarity 45.7%; Pred. No. 20;
Matches 16; Conservative 6; Mismatches 12;
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                                                                                                                                     12 KENISKENDDVLDEKEERAEFTEEFELEE 40
                                                                                                                                                                     8 KKSLFGKNDEE-EKKDEEKQSQEQEDIEE 35
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Publication No. US20050244386A1
GENERAL INFORMATION:
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Publication No. US20050250180A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
US-10-984-645-2
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US-10-984-645-2
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Sequence 110, App
Sequence 110, App
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Sequence 34749, A
Sequence 37314, A
Sequence 51, Appl
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51, Appl
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56911, A
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Sequence 14, Appl
                                                              ; Search time 118.595 Seconds (without alignments)
144.450 Million cell updates/sec
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Sequence 3, Ap
Sequence 13, A
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Sequence 4, A
Sequence 4, A
                                                                                                                    204
1 MLSHLYVSSKDKENISKEND......VLDEKEEBABETEEBELEEK 41
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2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-774-602-14
US-10-691-672A-6
US-10-691-672A-7
US-10-691-672A-7
US-10-691-672A-7
US-10-294-770-14
US-10-294-770-14
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US-10-294-770-1
US-10-294-784-110
US-10-10-487-511
US-10-10-487-511
US-10-10-487-511
US-10-10-487-511
US-10-10-487-511
US-10-10-399-988-511
US-10-399-988-511
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US-10-450-763-41599
US-10-450-763-34329
                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                    1867569 seqs, 417829326 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIES
                                                              November 22, 2005, 20:24:49
                                                                                                                                                                                                                                                           Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries
                                           OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length
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RESULT 2
US-10-774-602-14
US-10-774-602
| Sequence 14, Application US/10774602
| Publication No. US20040141987A1
| GENERAL INFORMATION:
| APPLICANT: DRULHER:
| APPLICANT: DRULHER:
| APPLICANT: DRULHER:
| TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
| FILE REFERENCE: 248791USODIV
| CURRENT APPLICATION NUMBER: US/10/774,602
| PRIOR PELICATION NUMBER: US/05/36,947
| PRIOR PELICATION NUMBER: US/07-19
| PRIOR PELICATION NUMBER: US/07-19
| PRIOR PILING DATE: 2002-09-11
| PRIOR APPLICATION NUMBER: US/08/416,711

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1 MLSHLYVSSXDKENISKENDDVLDEKEERAETEEEELEEK 41 1 MLSHLYVSSKDKENISKENDDVLDEKEEEAEETEEELEEK

| ,0 | Gaps | | Indels | Cutty Matchia Best Local Similarity 100.0%; Pred. No. 1.2e-12; Matches 41; Conservative 0; Mismatches 0; | Query m Best Lo Matches |
|---------------------|------------------|----------------------|----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------|
| | | | | CTHER INFORMATION: Synthetic Peptide -10-294-770-14 | , OTF |
| | | | | DENOIN: 41 TYPE: PRT ORGANIEN: Artificial Sequence FRRAMIE: | ; TYE |
| | | | | SOFTWARE: PatentIn version 3.1 SEQ ID NO 14 LENGTH: 41 | SOF1 |
| | | | | RELOK AFFELGATION WONBER: PCI/FR93/01024 PRIOR FILING DATE: 1993-10-18 NUMBER OF SEQ ID NOS: 14 | PRIC PRIC NUME |
| | | | | PRIOR APPLICATION NUMBER: US 08/416,711 PRIOR FILING DATE: 1955-08-08 DBIOR ARDITERMY WIMMED: DEW FEBS 77.004 | , PRIOR , PRIOR |
| | | | | PRIOR APPLICATION NUMBER: US 09/356,947 PRIOR FILING DATE: 1999-07-19 | ; PRIOR |
| | | | | FILE ABFERENCE: 230/3303011 CURRENT RAPLICATION UNBER: US/10/294,770 CUBRENT FILE DATE: 2002-11-15 | COR |
| PROTECTIVE ANTIBODI | CTIVE A | PROTE | INDUCING | TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS | , APPI |
| | | | | Publication No. US20030161840A1 GENERAL INFORMATION: | , Publi , GENER |
| | | | | RESULT 1 US-10-294-770-14 | RESULT US-10-2 |
| | | | | ALIGNMENTS | |
| 44 | 37260, 41637, | Sequence Sequence | Seq. | 79 38.7 53 79 38.7 62 | 44 45 |
| ۷., | | Sequence | Sed Sed | 80 39.2 1229 5 79.5 39.0 182 4 | 4 4 3 43 |
| | 45923, 56909, | Sequence Sequence | ර්මය විමින් | 80 39.2 226 80 39.2 234 | 4 4 4 1 |
| | | Sednence | Seg | 80 39.2 161 4 | 6.6 |
| | | Sequence | Seg | 80 39.2 109 5 | 37 |
| | | Sequence | | 80 39.2 109 5 | 36 |
| | | lence | | 80 39.2 98 5 | a) (L) |
| | 34747, | Sequence | | 80 39.2 93 5 | 33 |
| | | Sequence | | 80 39.2 93 5 | 32 |
| 4 4 | 37255, | Seguence Seguence | Seg | 80 39.2 65 80 39.2 85 | 30 |
| | 347 | Sequence | Sed | 81 39.7 382 5 US-10-450-763 | 26 |
| | 41603 | o do to to o | ě | 295 5 | 9.0 |
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Query Match
100.0%; Score 204; DB 5; Length 169;
Best Local Similarity 100.0%; Pred. No. Se-12;
Matches 41; Conservative 0; Mismatches 0; Indels
      ; LOCATION: (1)...(169)
; OTHER INFORMATION: MSP3 amino acids 212-380
US-10-691-672A-2
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Best Local Similarity
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Publication No. US20050112133A1
GENERAL INFORMATION:
APPLICANT: DRULLE, PIERRE
TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT
FILE REPRENCE: 02366.0085
CURRENT FILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/10691672A
Publication No. US20050112133A1
GENERAL INFORMATION:
APPLICANT: DATULHE, PIERRE
ITILE OF INVENTION: MALARIAL VACCINES CONTAINING IT
FILE REFERENCE: 02356.0085
CURRENT APPLICATION NUMBER: US/10/691,672A
CURRENT PILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN Ver. 3.3
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100.0%; Score 204; DB 4;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 41; Conservative 0; Mismatches 0;
PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: PCT/FR93/01024
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 14
LENGTH: 41
                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic Peptide US-10-774-602-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Plasmodium falciparum
                                                                                                                                                                    ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
....hes 41; Conservative
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LOCATION: (1)..(41)
COTHER INFORMATION: MSP3d
US-10-691-672A-6
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NAME/KEY: SITE
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US-10-691-672A-6
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Sequence 7, Application US/10691672A
Publication No. US20050112133A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GLURP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND
TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT
TITLE REFERENCE: 02336.0316.0316.040691,672A
CURRENT APPLICATION NUMBER: US/10/691,672A
NUMBER: OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver: 3.3
SEQ ID NO 7
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Publication No. USZO050112133A1
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: ALLAR-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND
TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT
FILE REFERENCE: 02356.0085
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Pred. No. 2e-11;
                             27 MLSHLYVSSKDKENISKENDDVLDEKEEEAEFTEEELLEEK 67
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1 MLSHLYVSSKDKENISKENDDVLDEKEEBAEETEEELEEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 204; DB 5; Best Local Similarity 100.0%; Pred. No. 5.6e-12; Matches 41; Conservative 0; Mismatches 0;
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NAME/KEY: SITE

LOCATION: (1)..(647)

THER INFORMATION: GLURP MSP3 fusion protein
US-10-691-672A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/691,672A
CURRENT FILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 3
LENGTH: 647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
CRGANISM: Plasmodium falciparum
FEATURE:
NAME/KEY: SITE
COCATION: (1)..(188)
COTHER INFORMATION: MSP3a to MSP3f
US-10-691-672A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%;
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ORGANISM: Artificial Sequence
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GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERER
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
TITLE OF INVENTION: 2002-11-15
CURRENT APPLICATION NUMBER: US/10/294,770
CURRENT FILING DATE: 2002-11-15
PRIOR FILING DATE: 1999-07-19
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1993-10-18
NUMBER: OF SEQ ID NOS: 14
SOPTWARE: PATENTIN VEXEND: 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CUTY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION: CURROWN>
CLASSIFICATION: CURROWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 47.5%; Score 97; DB 4; Length 28; Best Local Similarity 95.0%; Pred. No. 0.013; Matches 19; Conservative 1; Mismatches 0; Indels
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APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-J11-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PCT/FR93/01024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BOUHAROUN-TAYOUN, HASNAQ
                                                            9 MLSHLYVSSKDKENISKEND 28
                               1 MLSHLYVSSKDKENISKEND 20
                                                                                                                                                                                                     Sequence 4, Application US/10294770 Publication No. US20030161840A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-238-741-4; Sequence 4, Application US/10238741; Publication No. US20040096466A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: DRUILHE, PIERRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-294-770-4
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Sequence 13, Application US/10774602

Sequence 13, Application No. US20040141987A1

GENERAL INFORMATION:
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REFERENCE: 248791USODIV

CURRENT APPLICATION NUMBER: US/10/774,602

FRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1995-08-11

PRIOR FILING DATE: 1995-08-11

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PATENTING DATE: 1993-10-18

SOFTWARE: PATENTING DATE: 1993-10-18

SOFTWARE: PATENTING DATE: 1993-10-18

SOFTWARE: PATENTING DATE: 1993-10-18

SEQ ID NO 13

LENGTH: 28
                                                                                                                                                                                                                                                                                            APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILE REFERENCE: 230759UGSCIP
CURRENT APPLICATION NUMBER: US/10/294,770
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR APPLICATION NUMBER: US 08/416,711
PRIOR APPLICATION NUMBER: DCT/FF93/01024
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PCT/FF93/01024
SOFTWARE: PCT/FF93/01024
SOFTWARE: PCT/FF93/01024
SOFTWARE: PCT/FF93/01024
SOFTWARE: PCT/FF93/01024
SOFTWARE: PCT/FF93/01024
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     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 49.5%; Score 101; DB 4; Length 28; Best Local Similarity 100.0%; Pred. No. 0.0052; Matches 20; Conservative 0; Mismatches 0; Indels
  0; Indels
                                                                                 505 MLSHLYVSSKDKENISKENDDVLDEKEEEAEFTEEELEEK 545
                                                  1 MLSHLYVSSKDKENISKENDDVLDEKEERAEFTEEELEEK 41
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Synthetic Peptide US-10-294-770-13
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                                                                                                                                                                                                  US-10-294-770-13
; Sequence 13. Application US/10294770
; Publication No. US20030161840A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
41; Conservative
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  Matches
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1 MLSHLYVSSKDKENISKEND 20
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                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-294-770-1
  2002-11-15
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 95.03
Matches 19; Conservative
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US-10-238-741-1
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Publication No. US20040141987A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILE REFERENCE: 248791USODIV
CURRENT APPLICATION NUMBER: US/10/774,602
CURRENT FILING DATE: 1999-07-19
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR PILING DATE: 1999-07-19
PRIOR PILING DATE: 1999-07-19
PRIOR PILING DATE: 1999-08-01
PRIOR PILING DATE: 1999-08-08
PRIOR APPLICATION NUMBER: US 08/416,711
PRIOR PILING DATE: 1999-08-08
PRIOR PILING DATE: 1999-10-18
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Publication No. US20030161840A1
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILE REFERENCE: 230759USOCIP
CURRENT APPLICATION NUMBER: US/10/294,770
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                               NAME: OBLON, NORMAN F.

REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ. ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     47.5%; Score 97; DB 4; 95.0%; Pred. No. 0.013;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
                  APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDENNESS: single
TOPOLOGY: linear
WOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
FILING DATE: 18-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9 MLSHLYVSSKDKENISKENE 28
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                                                                                                                                                                                                                                                                   LENGTH: 28 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 95.0%
                                                                                                                                                                                                                                                                                                                                                                                                      US-10-238-741-4
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TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                             ;
                                                                                                                                                                                                                                                                                                                                                        47.5%; Score 97; DB 4; Length 64; 95.0%; Pred. No. 0.03; cive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFFERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 660-085-0 PCT TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-NOV-2002
CLASSIFICATION NUMBER: US/09/356,497
FILING DATE: 19-U1-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-MQ-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 18-OCT-1993
ATTORNEY AGENT INFORMATION:
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR FILING DATE: 1999-07-19
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: ET/FR93/01024
PRIOR APPLICATION NUMBER: PCT/FR93/01024
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/10238741
Publication No. US20040096466A1
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
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APPLICANT: DRUILER, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES FILE REFERENCE: 248791050DIV
CURRENT APPLICATION NUMBER: US/10/774,602
CURRENT FILING DATE: 2004-02-10
PRIOR PLLING DATE: 1999-07-19
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR PILING DATE: 1999-07-19
PRIOR PILING DATE: 1995-07-19
PRIOR PILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1993-10-18
PRIOR PILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 1
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Publication No. US20030215449A1

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OP INVENTION: Proteins and Nucleic Acids Encoding Same

TITLE OP INVENTION: Proteins and Nucleic Acids Encoding Same

TITLE OP INVENTION: Proteins and Nucleic Acids Encoding Same

TITLE OP INVENTION: Proteins and Nucleic Acids Encoding Same

CURRENT PILING DATE: 2002-09-11

PRIOR PELING DATE: 2001-01-11

PRIOR PILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,018

PRIOR PILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,013

PRIOR APPLICATION NUMBER: 60/261,013

PRIOR APPLICATION NUMBER: 60/261,026

PRIOR PILING DATE: 2001-01-11

PRIOR FILING DATE: 2001-01-11

PRIOR FILING DATE: 2001-01-11

PRIOR FILING DATE: 2001-01-11
                                                                                                                                                         Query Match 47.5%; Score 97; DB 4; Length 64; Best Local Similarity 95.0%; Pred. No. 0.03; Matches 19; Conservative 1; Mismatches 0; Indels
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TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-238-741-1
                                                                                                                                                                                                                                                                           1 MLSHLYVSSKDKENISKEND 20
                                                                                                                                                                                                                                                                                                                   45 MLSHLYVSSKDKENISKENE 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 1, Application US/10774602; Publication No. US20040141987A1; GENERAL INFORMATION:
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; ORGANISM: Plasmodium falciparum
US-10-774-602-1
                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 14
US-10-774-602-1
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Sequence 1131, Ap
Sequence 7349, Ap
Sequence 2150, Ap
Sequence 5, Appli
Sequence 2, Appli
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11018, A
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(/ggn2_6/ptodata/1/iaa/H_COMB.pep:*

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(/ggn2_6/ptodata/1/iaa/RE_COMB.pep:*

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         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-356-497-4
US-10-238-741-4
US-08-416-711-1
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US-08-356-497-1
US-08-31-170B-2
US-08-990-114-3
US-08-990-114-3
US-09-949-016-8301
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US-08-574-959A-9
US-08-574-959A-9
US-08-574-959A-7
US-09-357-014-9
US-09-357-014-7
US-09-357-014-7
US-09-38-016-7350
US-09-38-016-7350
US-09-38-016-7350
US-09-38-016-7350
US-09-38-016-7350
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                                                                       November 22, 2005, 20:20:23
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Maximum Match 100%
Listing first 45 summaries
                                                   OM protein - protein search, using sw model
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| Sequence 9, Appli Sequence 10, Appl Sequence 88, Appl Sequence 2973, Appl Sequence 69, Appl Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 29, Appli Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 1189, Appli Sequence 1189, Appli | | NEUSTADT, |
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| 1 2 US-09-886-319A-9 8 2 US-10-000-489-88 8 2 US-110-000-489-88 8 2 US-10-104-047-2973 3 2 US-01-104-047-2973 5 2 US-09-495-714C-2 7 2 US-09-495-714C-4 4 2 US-09-495-714C-4 4 2 US-09-214-881A-4 2 US-09-214-881A-4 4 2 US-09-214-881A-1 8 2 US-09-214-881A-1 8 2 US-09-214-881A-11 9 US-09-214-881A-11 9 US-09-214-881A-11 9 US-09-214-881A-11 9 US-09-214-881A-11 1 US-09-214-881A-11 1 US-09-214-881A-11 | ALIGNMENTS | NAQ ALCIPARUM ANTIGE ANTIBODIES ELLAND, MAIER & S HIGHWAY 0, Version #1.30 711 85-0 PCT |
| 28 73 35.8 111 29 73 35.8 168 31 73 35.8 168 32 73 35.8 1683 34 73 35.8 1525 35 73 35.8 1525 36 73 35.8 1525 37 72 35.8 1912 37 72 35.3 1912 39 71.5 35.0 1312 40 71.5 35.0 1312 41 71 34.8 568 44 71 34.8 567 45 71 34.8 567 45 71 34.8 567 | | US-08-416-711-4 US-08-416-711-4 US-08-416-711-4 US-08-416-711-4 Sequence 4, Application US/08416711 Patent No. 6017538 GENERAL INFORMATION: APPLICANT: BOUHARGUN-TAYOUN, HASNAQ APPLICANT: BOUHARGUN-TAYOUN, HASNAQ APPLICANT: BOUHARGUN-TAYOUN, HASNAQ APPLICANT: BOUHARS: 10 TITLE OF INVENTION: PROTECTIVE ANT NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS: ADDRESSEE: P.C. ADDRESSEE: P.C. STREET: 1755 S. JEFFERSON DAVIS H CITY: ARLINGTON SPIVAK, MCCLELL ADDRESSEE: PLODPY disk COUNTRY: USA ZIP: 22202 COMPUTER: PLOPPY disk COUNTRY: USA ZIP: 22202 COMPUTER: PLOPPY disk COMPUTER: DAVA: PCOOS/MS-DOS SOFTWARE: PATENTIN NUMBER: US/08/416,711 FILING DATE: 08-AUG-1995 CLASSIFTCATION NUMBER: Q1/R93/0102 FILING DATE: 19-OCT-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: 24,618 FILING DATE: 19-OCT-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: 660-085- FILING DATE: 19-OCT-1993 PRIOR APPLICATION NUMBER: 24,618 FILING DATE: 19-OCT-1993 PRIOR APPLICATION NUMBER: 24,618 FILING DATE: 19-OCT-1993 PRIOR APPLICATION NUMBER: 24,618 FILING DATE: 19-OCT-1993 PRIOR APPLICATION NUMBER: 660-085- TELEFRAX: 703-413-220 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS: LENGTH: 28 amino acide TYPE: amino acide TYPE: anino acide TYPE: Alling TYPE: pepcide |
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Query Match
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GEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
CLASSIFCATION NUMBER: US/08/416,711
APPLICATION NUMBER: US/08/416,711
FILING DATE: 19-CT-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 19-OCT-1995
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1993
APPLICATION NUMBER: FR 92/12488
Query Match
47.5%; Score 97; DB 2; Length 28;
Best Local Similarity 95.0%; Pred. No. 0.00024;
Matches 19; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                          P.C. STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
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; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-356-497-4
                                                                                       1 MLSHLYVSSKDKENISKEND 20
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US-10-238-741-4
; Sequence 4, Application US/10238741
                                                                                                                 9 MLSHLYVSSKDKENISKENE 28
                                                                                                                                                                                                                                   Sequence 4, Application US/09356497
Patent No. 6472519
GENERAL INFORMATION:
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FELEFAX: 703-413-2220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
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US-09-356-497-4
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                                                                          OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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APPLICANT: BOUHAROUN-TAYOUN, HASNAQ
APPLICANT: BOUHAROUN-TAYOUN, HASNAQ
APPLICANT: OBUVANT:
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
TITLE OF INVENTION: PROTECTIVE ANTIBODIES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORGENT AFFILICATION NUMBER: US/10/238,741

FILING DATE: 09-NO. 6949627-2002

CLASSIPICATION: CURKNOWN.

PRIOR APPLICATION CURRNOW.

APPLICATION NUMBER: US/09/356,497

FILING DATE: 19-041-1999

APPLICATION NUMBER: US/08/416,711

FILING DATE: 08-AUG-1999

APPLICATION NUMBER: PS/12488

FILING DATE: 18-OCT-1993

APPLICATION NUMBER: FR 92/12488

FILING DATE: 19-OCT-1993

APPLICATION NUMBER: 24,618

RESERRACE/DOCKET NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 24,618
                                                                                                                                                                                                      STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.5%; Score 97; DB 2; I
ilarity 95.0%; Pred. No. 0.00024;
Conservative 1; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-238-741-4
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TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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; Sequence 1, Application US/08416711
; Patent No. 6017538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                     ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp:
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<Unknown>
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STRANDEDNESS: single
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Best Local Similarity 95.0°
Matches 19; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
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Patent No. 6472519

GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY. CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
                                                                                                                                           COUNTRY: USA

ZIP: 22202
COMPUTER F2202
COMPUTER PADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
CLASSIFICATION NUMBER: PCT/FR93/01024
FRIDK APPLICATION DATA:
APPLICATION NUMBER: PCT-1993
FRIDK APPLICATION DATA:
APPLICATION NUMBER: PR 92/12488
FILING DATE: 19-OCT-1993
FRIDK APPLICATION NUMBER: C60-085-0 PCT
FELECOMMUNICATION NUMBER: 24,618
FRETENENCE DOCKET NUMBER: 660-085-0 PCT
TELEPHONE: 703-413-2200
TELEPHONE: 703-413-2200
TELEPHONE: 703-413-2200
INPORMATION FOR SEO ID NO: 1:
SEQUENCE CHARACTERISTICS:
CLASSIFICATION ACIDS
SEQUENCE CHARACTERISTICS:
CLASSIFICATION ACIDS
COMPANYION POR SEO ID NO: 1:
SEQUENCE CHARACTERISTICS:
CLASSIFICATION ACIDS
COMPANYION ACIDS
CO
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STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MLSHLYVSSKDKENISKEND 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      45 MLSHLYVSSKDKENISKENE 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 95.0
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: VA
COUNTRY: USA
ZIP: 22202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                       STATE: V. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-416-711-1
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US-09-356-497-1
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Sequence 1, Application US/10238741
Patent No. 694627
GENERAL INFORMATION:
GENERAL INFORMATION:
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 64;
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/416,711
APPLICATION NUMBER: US/08/416,711
APPLICATION NUMBER: PCT/FR93/01024
APPLICATION NUMBER: PCT/FR93/01024
APPLICATION NUMBER: P2/12488
PILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAMME: OBLON, NORMANN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.5%; Score 97; DB 2; I 95.0%; Pred. No. 0.00059; tive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-No. 6949627-2002
CLASSIFICATION NUMBER: US/09/356,497
APPLICATION NUMBER: US/08/416,711
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PR 92/12488
FILING DATE: 19-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: NORMATION:
NAME: OBLON, NORMAN F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUMTYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MLSHLYVSSKDKENISKEND 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45 MLSHLYVSSKDKENISKENE 64
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NS-08-954-441-2

Sequence 2, Application US/0895441

Sequence 2, Application US/0895441

Sequence 2, Application US/0895441

Sequence 2, Application

Sequence 2, Applicati
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40.2%; Score 82; DB 2; Length 3135;
Best Local Similarity 51.6%; Pred. No. 1.8;
Matches 16; Conservative 9; Mismatches 6: Inhale
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COUNTRY: USA
ZIP: 94111-3834
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC Compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,441
FILING DATE: 20-OCT-1997
FILING DATE: 20-OCT-1997
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APPLICANT: Bandman, Olga
APPLICANT: Vue, Henry
APPLICANT: Corley, Neil C.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: HUMAN NUCLEOLIN-LIKE PROTEIN
NUMBER OF SEGUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
       265 DEEDMSPRDNFVIDDEEEEEEEEEEEEEE 295
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REGISTRATION NUMBER: 38,440
REFERENCE/DOCKET NUMBER: 015280-113110US
TELECOMMUNICATION INPORMATION:
TELEPHONE: (415) 576-0200
TELEPAS, (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 20-OCT-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/323,170
FILING DATE: 13-OCT-1994
PRIOR APPLICATION NUMBER: US 08/010,409
FILING DATE: 29-JAN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-990-114-3; Sequence 3, Application US/08990114; Patent No. 5932475
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Two Embarcad
CITY: San Francisco
STATE: California
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
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Patent No. 573372
CENERAL INFORMATION:
CENERAL INFORMATION:
CENERAL INFORMATION:
CENERAL Sealow, David C.
APPLICANT: Williamson, Kim C.
APPLICANT: Kaslow, David C.
TITLE OF INVENTION: faliciparum Transmission-Blocking Target Antigen, Pfs230 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47.5%; Score 97; DB 2; Length 64; 95.0%; Pred. No. 0.00059; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER LIBM PC Compatible
COMPUTER BEACHLISH
COMPUTER LIBM PC COMPATIBLE
COMPUTER APELICATION DATA:
APPLICATION NUMBER: US/08/123,170B
FILING DATE: 13-CT-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/010,409
FILING DATE: 29-JAN-1993
ATTORNEY AGENT INFORMATION:
NAME: Quine, Jonathan A.
REGISTRATION NUMBER: P-11,261
REFERENCE/DOCKET NUMBER: 01.261
REFERENCE/DOCKET NUMBER: 01.261
REFERENCE/DOCKET NUMBER: 01.261
TELECOMMUNICATION INFORMATION:
                                       REFERENCE/DOCKET NUMBER: 660-085-0 PCT TELECOMMUNICATION INFORMATION: TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11 DKENISKENDDVLDEKEERAEETEEELEEK 41
                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MLSHLYVSSKDKENISKEND 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             45 MLSHLYVSSKDKENISKENE 64
                                                                                                                                INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INPORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3135 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 95.03
Matches 19; Conservative
                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: protein US-08-323-170B-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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US-08-323-170B-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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Sequence 8301, Application US/09949016

patent No. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

ITILE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOOKINGON

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR PILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-03

PRIOR PLING DATE: 2000-00-03

PRIOR PLING DATE: 2000-00-03

PRIOR PLING DATE: 2000-00-03

PRIOR PLING DATE: 2000-00-00-03

PRIOR PLING DATE: 2000-00-03

PRIOR PLING DATE: 2000-00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 79; DB 2; Length 714;
Pred. No. 0.76;
9; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/08257073
Patent No. 2766597
GENERAL INFORMATION:
GAPLICANT: Paoletti, Enzo
APPLICANT: de Taisne, Charles
APPLICANT: Ten, John A.
TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7 VSSKDKENISKENDDVLDEKEEREETEEELEEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                38.2%; Score 78; 45.9%; Pred. No.
                                                                                                                                            PF-0451 US
                                                                              NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFRENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
                                                                                                                                                                                                                                                     TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 714 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               38.7%;
ilarity 45.7%;
Conservative
                                              ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 45.9
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              SS: single
linear
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LIBRARY: GenBa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-949-016-8301
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US-08-257-073-5
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APPLICANT: Bandman, Olga
APPLICANT: Vue, Henry
APPLICANT: Shah, Purvi
TTILE OF INVENTION: HUMAN NUCLEOLIN-LIKE PROTEIN
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
STREET: CA
STREET: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,114
FILING DATE: Herewith
CLASSIFICATION DATA:
APPLICATION NUMBER: BILLING APPLICATION NUMBER:
FILING DATE: HORDER:
APPLICATION NUMBER: ATTORNEY/ASTR INFORMATION:
NAME: BILLINGS, Lucy J.
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0451 US
TELEPHONE: 650-855-6555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7 VSSKDKENISKENDDVLDEKEEEAEFTEEELEEK 41
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MEDIUM TYPE: Diskette
COMPUTER: Diskette
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILLING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 79;
Pred. No. (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 10
18-09-241-333-3
'Sequence 3, Application US/09241333
'Patent No. 6313266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38.7%;
3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 714 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 45.73
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 650-845-4166
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PRIOR APPLICATION DATA:
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CLONE: 128842
                             Palo Alto
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ZIP: 94304
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RESULT 14

US-09-949-016-10194

i Sequence 1013-4, Application US/09949016

i Patent NO. 6812339

i GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

ITILE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOO1307

CURRENT FILING DATE: 2000-04-14

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-06-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 10194

LENGTH: 1125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/08574959A
; Bequence 9, Application US/08574959A
; Patent No. 5962224
; GENERAL INFORMATION:
; APPLICANT: Jackyoon Shin, Insil Joung, Ratna K. Vadlamudi
APPLICANT: And Jack L. Strominger
TITLE OF INVENTION: p62 POLYPEPTIDES,
; TITLE OF INVENTION: ADD USES THEREFOR
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
; ADDRESSER: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE Massachusetts
          37.5%; Score 76.5; DB 2; Length 1104; 40.9%; Pred. No. 2.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          37.5%; Score 76.5; DB 2; Length 1125;
40.9%; Pred. No. 2.3;
tive 7; Mismatches 8; Indels 11
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                                                                                                                                     1016 SEKREEEEEDKEMBELQEEKECKPQGDEEEGEEEEVEEEEVEE 1059
                                                           8; Indels
                                                                                                            8 SSKDKENISKENDDVLDEKE------EEAEETEEELEE 40
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APPLICATION NUMBER: US/08/574,959A
FILING DATE: 19-DEC-95
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION UNMERS: DFN-008
TELECOMMUNICATION INFORMATION:
                                                           7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIF: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 40.99
Matches 18; Conservative
                                                        18; Conservative
Query Match
Best Local Similarity
Matches 18; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Human
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US-08-574-959A-9
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Pred. No. 1.3;
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/257,073
FILING DATE: 09-JUN-1994
CLASSITCATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/075,783
FILING DATE: 11-JUN-1993
PRIOR APPLICATION NUMBER: US 07/852,305
FILING DATE: 11-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,183
FILING DATE: US-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: FROMMER: 25,506
REFERENCE/DOCKET NUMBER: 25,506
TELECOMMUNICATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2570
TELECOMMUNICATION INFORMATION:
MET ENDING TOWNER: 454310-2570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: HELIX RESEARCH INSTITUTE
FILE REFERENCE: H1-A0105
CURRENT FILING DATE: 2002-03-25
CURRENT FILING DATE: 2002-03-25
FRIOR FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PECENTION VOWER: 3057WARE: PELING DATE: 2002-03-25
SOFTWARE: PELING DATE: 2002-03-25
SOFTWARE: PECENTION NUMBER: 3057WARE: PECENTION DOTE: 2002-03-25
SOFTWARE: PECENTING DATE: 2002-03-25
SOFTWARE: PECENTING VOY: 2.1
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                                                                                                                              STATE: New York COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                         ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066 CURTMS
INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 740 amino acids
TYPE: amino acid
STRANDEDNESS: single
          NUMBER OF SEQUENCES: 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2506
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                                                                                                         New York
                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 2506
LENGTH: 1104
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Gaps

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| TELEPHONE: (617)227-7400
| TELEFAX: (617)227-5941
| INFORMATION FOR SEQ ID NO: 9:
| SEQUENCE CHARACTERISTICS:
| LENGTH: 905 amino acids
| TYPE: amino acids
| TYPE: amino acids
| TOPOLOGY: linear
| MOLECULE TYPE: protein
| US-08-574-959A-9
| Query Match
| Best Local Similarity 40.0%; Pred. No. 2.1;
| Matches 16; Conservative 11; Mismatches 13; Indels 0; Gaps
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Search completed: November 22, 2005, 20:26:19 Job time : 25.7521 secs

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Appli Appli

US-10-942-072-6
US-10-131-033-6
US-10-131-085A-16
US-10-131-085A-174
US-11-039-722-4
US-11-039-722-4
US-11-039-722-4
US-11-074-176-186

Sequence Sequence Sequence 8

Sequence Sequence 1 Sequence

ALIGNMENTS

Sequence Sequence

US-10-131-826A-116 US-10-467-962B-53

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APPLICANT: Sherwood, Steven
APPLICANT: Sherwood, Steven
APPLICANT: Steven
APPLICANT: Steven
APPLICANT: Steven
APPLICANT: Steven
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood William
APPLICANT: Wood William
APPLICANT: Wood William
APPLICANT: Wood William
APPLICANT: Anny Zenin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
PLIE REFERENCE: P3330R1C128
CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 2002-04-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1997-09-19
APPLICATION WUMBER: 60/059588
FILING DATE: 1997-09-19
aing Prior Application data removed - See File Wrapper or PALM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR FILING DATE: 1997-06-18
PRIOR PELING DATE: 1997-06-18
PRIOR PELING DATE: 1997-09-16
PRIOR FILING DATE: 1997-09-17
PRIOR PELING DATE: 1997-09-17
PRIOR PELING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059117
PRIOR PELING DATE: 1997-09-17
PRIOR PELING DATE: 1997-09-18
PRIOR PELING DATE: 1997-09-18
PRIOR PELING DATE: 1997-09-18
PRIOR PELING DATE: 1997-09-18
                                                                                                                                                                                                                                                                                                                    Sequence 180, Application US/10131826A Publication No. US20050245730A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  Gao, Wei-Qiang
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Baker, Kevin P. APPLICANT: Beresini, Maureen
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                          Desnoyers, Luc
Filvaroff, Ellen
                      715
849
1167
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203
376
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1227
227
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6480
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10-131-826A-180
APPLICANT:
APPLICANT:
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APPLICANT:
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Remaining 1
14, Appl
20, Appl
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31, Appl
31, Appl
31, Appl
32, Appl
32, Appl
32, Appl
32, Appl
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Sequence 11, Appl
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                                                                              ; Search time 1.85124 Seconds (without alignments) ' 17.088 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US10 NEW PUB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
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7: /cgn2_6/ptodata/1/pubpaa/US11 NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US11 NEW PUB.pep:*
         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-209-208-11
US-10-209-208-14
US-10-10-306-22
US-11-109-156-20
US-10-131-826A-518
US-10-131-826A-512
US-10-942-072-11
US-10-942-072-11
US-10-942-072-11
US-10-942-072-11
US-10-942-072-11
US-10-982-545-2
US-10-209-208-10
US-10-209-208-12
US-10-209-208-13
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                                                                                                                                                   1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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                                                                               2005, 20:24:59
                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                            8323 seqs, 1129788 residues
                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                           Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                             US-10-774-602-13
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591
3056
350
1119
1167
1168
317
                                                                              November 22,
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                                                                                                                                                     Sequence:
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Gaps

1;

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APPLICANT: Tetsuji Otsuki
APPLICANT: Shin-Ichi Funahashi
APPLICANT: Shin-Ichi Fonoo
APPLICANT: Ohi-Ichi Nezoo
APPLICANT: Jun-Ichi Nezo
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN KINASE/PROTEIN
TITLE OF INVENTION: PHOSPHATASE
                                                                                                                                                                                                                                           Length 239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 27.9%; Score 41; DB 1; Length 591; Best Local Similarity 29.6%; Pred. No. 17; Matches 8; Conservative 8; Mismatches 11; Indels
                                                                                                                                                      ; OTHER INFORMATION: Enhanced Cyan Fluorescent Protein (ECFF)
US-10-209-208-14
                                                                                                                                                                                                                                                                                         Indels
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2
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Publication No. US20050244922A1
GENERAL INFORMATION:
APPLICANT: Andersen, ib Groth
APPLICANT: Clausen, ib Groth
APPLICANT: Glsen, Peter Bjarke
APPLICANT: Andersen, Steen Troels
APPLICANT: Basmussen, Michael Dolberg
TITLE OF INVENTION: Improved Bacillus Host Cell
FILE REFERENCE: 10294.204-105
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 248
                                                                                                                                                                                                                                      Query Match 28.2%; Score 41.5; DB 1;
Best Local Similarity 38.1%; Pred. No. 4.7;
Matches 8; Conservative 7; Mismatches 5;
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 EHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | |:|| :: | :: | 27 ESNKQENEVIVVYKNTSGKETVIEQAD 53
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CURRENT APPLICATION NUMBER: US/11/109,156
                                                                                                                                                                                                                                                                                                                                                                    140 HKLEYNYISHNVYITADKQKN 160
                                                                                                                                                                                                                                                                                                                                        3 HKKEENMLSH-LYVSSKDKEN 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT; ORGANISM: Bacillus licheniformis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kaoru Otsuka
Jun-Ichi Yamamoto
Shizuko Ishii
Tomoyasu Sugiyama
Ai Wakamatsu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.3
                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Toshio Ota
APPLICANT: Takao Isogai
APPLICANT: Tetsuo Nishikawa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Keiichi Nagai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Koji Hayashi
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APPLICANT:
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US-10-208-11
Sequence 11, Application US/10209208
Sequence 11, Application US/10209208
Publication No. US20050244921A1
GENERAL INFORMATION:
THORWATION:
TITLE OF INVENTION: FLUCKSCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAXING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT FILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: 09/729
PRIOR APPLICATION NUMBER: 09/724,308
PRIOR PILING DATE: 2001-02-24
PRIOR PILING DATE: 2001-02-24
PRIOR PILING DATE: 2001-02-26
NUMBER OF SEQ 1D NOS: 80
SOFTWARE FEAST OF WINDOWS Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/10209208
; Sequence 14, Application US/10209208
; Publication No. US20050244921A1
; GENERAL INFORMATION:
; APPLICANT: Taien, Roger
; APPLICANT: Taien, Roger
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION: FOR MAKING SAME
; FILE REFERENCE: UC083.1CP2CP2
; CURRENT APPLICATION NUMBER: 10/12,29
; CURRENT FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR PILING DATE: 2001-06-24
; PRIOR PILING DATE: 2001-06-24
; PRIOR FILING DATE: 2001-06-24
; PRIOR FILING DATE: 2001-02-26
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                                                                                                                                                                     DB 1; Length 622;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Enhanced Cyan Fluorescent Protein (ECFP)
US-10-209-208-11
                                                                                                                                                                                                                     7; Indels
                                                                                                                                                                                                                  4; Mismatches
                                                                                                                                                                     Score 43;
Pred. No. 9
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                                                                                                                                                                                                                                                                                              276 NNLKHLILSHNDLENLNSD 294
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                                                                                                                                                                   Query Match
Best Local Similarity 42.1%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Seguence
NUMBER OF SEQ ID NOS: 550
                                                                                          ; ORGANISM: Homo Sapien
US-10-131-826A-180
                    SEQ ID NO 180
LENGTH: 622
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APPLICATION NUMBER:
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ORGANISM: Homo Sapien
US-10-131-826A-518
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE REPERENCE: P3330R.C128
CURRENT PILIAM DATE: 2002-04-24
CURRENT PILIAM DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR APPLICATION NUMBER: 60/059113
PRIOR PILING DATE: 1997-06-18
PRIOR PILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR PILING DATE: 1997-09-17
PRIOR PILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR PILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
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27.9%; Score 41; DB 7; Length 3056; Best Local Similarity 35.0%; Pred. No. 1.3e+02; Matches 7; Conservative 7; Mismatches 6; Indels
CURRENT FILING DATE: 2005-04-19
PRIOR APPLICATION NUMBER: US/10/060,065
PRIOR FILING DATE: 2002-01-29
PRIOR PILING DATE: 2000-07-28
PRIOR PILING DATE: 2000-07-28
PRIOR PILING DATE: 2000-07-28
PRIOR PILING DATE: 1999-10-18
PRIOR PILING DATE: 1999-10-18
PRIOR PILING DATE: 1999-10-18
PRIOR PILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US 60/183,322
PRIOR APPLICATION NUMBER: US 60/183,725
PRIOR PILING DATE: 1999-07-29
PRIOR PILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: JP 2000-18776
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-05-02
PRIOR PILING DATE: 2000-05-02
PRIOR PILING DATE: 2000-05-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gerritsen, Mary E.
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Wood, William
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Godowski, Paul J.
Gurney, Austin L.
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Filvaroff, Ellen
Gao, Wei-Qiang
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Smith, Victoria
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; ORGANISM: Homo sapiens
US-11-109-156-20
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APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REPRENCE: P3330R10128
CURRENT APPLICATION NUMBER: 105/10/131,826A
CURRENT PILING DATE: 2002-04-24
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PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR FILING DATE: 1997-09-19
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
ENGTH: 350
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PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
PRIOR PILING DATE: 1997-09-17
PRIOR PILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
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PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
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PRIOR APPLICATION NUMBER: 60/049911
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PRIOR FILING DATE: 1997-09-17
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
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Goddard, Audrey
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Wood, William
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Filvaroff, Ellen
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Best Local Similarity 35.1
Matches 13; Conservative
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME TITLE OF INVENTION: ACIDS ENCODING THE SAME CURRENT PAPELICATION NUMBER: US/10/131,826A CURRENT FILING DATE: 1097-06-18

PRIOR PILING DATE: 1997-06-18

PRIOR PILING DATE: 1997-06-18

PRIOR PILING DATE: 1997-09-17

PRIOR PILING DATE: 1997-09-17

PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1997-09-17

PRIOR PILING DATE: 1997-09-17
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             TILE OF INVENTION: FALLOKE

CURRENT APPLICATION NUMBER: US/10/942,072

CURRENT FILING DATE: 2004-09-14

PRIOR PILING DATE: 2004-09-10

PRIOR PILING DATE: 1999-12-27

PRIOR PILING DATE: 1999-12-27

PRIOR PILING DATE: 1999-12-27

PRIOR PILING DATE: 1999-0-16

PRIOR PILING DATE: 1998-01-16

PRIOR PILING DATE: 1998-01-16

PRIOR PILING DATE: 1997-09-05

NUMBER OF SEC ID NOS: 13

SEC ID NO 11

LENGTH: 1168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 524, Application US/10131826A Publication No. US20050245730A1 GENERAL INFORMATION:
APPLICANT: Baker, Kevin P. APPLICANT: Beresini, Maureen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Stewart, Timothy A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Watanabe, Colin K
Wood, William
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Godowski, Paul J. Gurney, Austin L.
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Best Local Similarity 26.5%
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Filvaroff, Ellen
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Smith, Victoria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tumas,Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-131-826A-524
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                                                                                                                                                                                   26.9%; Score 39.5; DB 1; Length 1119; 48.0%; Pred. No. 62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 1167;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13, Application US/10942072
| Publication No. US20050250721A1
| GENERAL INPORMATION:
| APPLICANT: Hammon, H. K.
| APPLICANT: Ping, P.
| APPLICANT: Ping, P.
| APPLICANT: Ping, P.
| APPLICANT: Post, S. R.
| FILE OF INVENTION NUMBER: US/09/750, 240
| PRIOR FILING DATE: 1999-12-27
| PRIOR FILING DATE: 1999-12-27
| PRIOR FILING DATE: 1999-10-16
| PRIOR FILING DATE: 1997-06-16
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Publication No. US20050250721A1
GENERAL INFORMATION:
APPLICANT: Hammon, H. K.
APPLICANT: Ping, P.
APPLICANT: Post, S. R.
APPLICANT: Gao, M.
ITLE OF INVENTION: GENE THERAPY FOR CONGESTIVE HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 26.9%; Score 39.5; DB 1; Best Local Similarity 26.5%; Pred. No. 65; Matches 9; Conservative 5; Mismatches 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      347 PQHVAMEMKEDINTKKEDMMFHKIYIQKHDNVSI 380
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                                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 1167
                                                                                                                                                                                                                                                                                                                          138 PEHLKEFQSLETLDLSS---NNISE 159
                                                                                                                                                                                                                                                                                           1 PEHKKEENMLSHLYVSSKDKENISK 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                  Query Match
Best Local Similarity 48.0%
NUMBER OF SEQ ID NOS: 550
                                                                             ; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-352
                        SEQ ID NO 352
LENGTH: 1119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-942-072-13
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US-10-942-072-11
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Sequence 68, Application US/10689742

Fublication No. US20050250180A1

GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth

APPLICANT: Lavalie, Edward R

APPLICANT: Lavalie, Edward R

APPLICANT: Bacie, Lisa A

APPLICANT: Pacie, Lisa A

APPLICANT: Spaniding, Vikki

APPLICANT: Spaniding, Vikki

TITLE OF INVENTION: SECRETED PROFEINS AND POLYNUCLEOTIDES ENCODING THEM

TITLE OF INVENTION: SECRETED PROFEINS AND POLYNUCLEOTIDES ENCODING THEM

FILE REFERENCE: 00766.000191.10

CURRENT APPLICATION NUMBER: US/10/689,742

CURRENT APPLICATION NUMBER: US/10/689,742

FRIOR APPLICATION UMBER: 2000-11.0

CURRENT APPLICATION UMBER: 303-10-22

RRIOR APPLICATION UMBER: 303-10-22

SOFTWARE: Patentin version 3.2

SOFTWARE: Patentin version 3.2
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                                 Indele
                                                                                                                                                                                                                                                            Sequence 122, Application US/10510386

Publication No. US20050244922A1

GENERAL INFORMATION:
APPLICANT: Andersen, Jens Tonne
APPLICANT: Clausen, ID Groth
APPLICANT: Olsen, Peter Bjarke
APPLICANT: Andersen, Michael Dolberg
APPLICANT: Raemussen, Michael Dolberg
TITLE OF INVENTION: Improved Bacillus Host Cell
FILE REFERENCE: 10294.204-US
CURRENT APPLICATION NUMBER: US/10/510,386
CURRENT APPLICATION NUMBER: US/10/510,386
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 248
SOFTWARE: Patentin version 3.3
SEQ ID NO 122
LENGTH: 203
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        Best Local Similarity 36.4%; Pred. No. 75; Matches 8; Conservative 6; Mismatches
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                                                                                                                           323 EKEKNKLKRKKLENKDKKDEEK 344
                                                                                       4 KKEENMLSHLYVSSKDKENISK 25
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Best Local Similarity 33.3
Matches 8; Conservative
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ORGANISM: Homo sapiens
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR FILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 524
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APPLICANT: Uni-Ichi Nezu
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN KINASE/PROTEIN
TITLE OF INVENTION: PHOSPHATASE
FILE REFERENCE: 06501-099002
CURRENT APPLICATION NUMBER: US/11/109,156
CURRENT FILING DARE: 2005-04-19
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                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 317;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 26.5%; Score 39; DB Best Local Similarity 32.1%; Pred. No. 15; Matches 9; Conservative 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US,10/06,065
PRIOR PELING DATE: 2002-01-29
PRIOR APPLICATION NUMBER: US,10/06,065
PRIOR APPLICATION NUMBER: US,000-0561
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 1999-10-18
PRIOR PELICATION NUMBER: US 60/183,322
PRIOR PELICATION NUMBER: US 60/183,322
PRIOR PELICATION NUMBER: US 60/183,322
PRIOR PELICATION NUMBER: UP 11-248036
PRIOR PILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: UP 2000-183767
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-05-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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US-11-109-156-22
Sequence 22, Application US/11109156
Publication No. US20050250144A1
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Tetsuji Otsuki
Shin-Ichi Funahashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jun-Ichi Yamamoto
Shizuko Ishii
Tomoyasu Sugiyama
Ai Wakamatsu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Koji Hayashi
                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapien
US-10-131-826A-524
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LENGTH: 1142
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Score 38; DB 1; Length 472;
Pred. No. 35;
6; Mismatches 10; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
OTHER INFORMATION: Secretogranin II (Chromogranin C, EM66,
OTHER INFORMATION: secretoneurin) precursor
                                                                                                           APPLICANT: Davies, How Alun
APPLICANT: Mcdulre, Janes
APPLICANT: Simonsen, Anja Hviid
APPLICANT: Simonsen, Anja Hviid
APPLICANT: Simonsen, Anja Hviid
APPLICANT: Simonsen, Anja Hviid
APPLICANT: Ciphergen Biosystems, Inc.
TITE OF INVENTY Blomarkers for Alzheimer's Disease
FILE REFERENCE: 016666-011550US
CURRENT FILING BATE: 2004-11-06
PRIOR PILING DATE: 2003-11-07
PRIOR FILING DATE: 2003-11-07
PRIOR FILING DATE: 2003-12-02
PRIOR FILING DATE: 2004-02-19
PRIOR FILING DATE: 2004-02-19
PRIOR FILING DATE: 2004-02-23
PRIOR FILING DATE: 2004-02-23
PRIOR FILING DATE: 2004-02-23
PRIOR FILING DATE: 2004-06-23
PRIOR FILING DATE: 2004-06-23
PRIOR FILING DATE: 2004-06-23
PRIOR FILING DATE: 2004-06-23
PRIOR FILING DATE: 2004-06-02
PRIOR FILING DATE: 2004-06-02
PRIOR FILING DATE: 2004-06-02
PRIOR FILING DATE: 2004-06-03
PRIOR FILING DATE: 2004-06-05
PRIOR FILING DATE: 2004-07-08
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 2
LENGTH, 617
LENGTH, 617
LENGTH, 617
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COTHER INFORMATION: biomarker peptide M3680.7
US-10-982-545-2
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Sequence 2, Application US/10982545
Publication No. US20050244890A1
GENERAL INFORMATION:
APPLICANT: Davies, Huw Alun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
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US-10-209-208-10

Sequence 10, Application US/10209208

Publication No. US20050244921A1

GENERAL INFORMATION:

APPLICANT: Taien, Roger

APPLICANT: Campbell, Robert

APPLICANT: Genefrey Baird

TITLE OF INVENTION: FUURESCENT PROTEIN VARIANTS AND METHODS

TITLE OF INVENTION: FUURESCENT US/10/209,208

TITLE OF INVENTION: US-1083.1CP2CP2

CURRENT APPLICATION NUMBER: 10/11,258

PRIOR FILING DATE: 2002-04-10

PRIOR FILING DATE: 2002-04-10

PRIOR FILING DATE: 2001-04-10

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

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Best Local Similarity 38.5%; Pred. No. 18;
Matches 10; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                     Search completed: November 22, 2005, 20:54:15 Job time : 1.85124 secs
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 238
; TYPE: PRF
; ORGANISM: Aequorea victoria
US-10-209-208-10
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FILE REFERENCE: 248791USODIV
CURRENT PERILATION NUMBER: US/10/774,602
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR FILING DATE: 1999-07-19
PRIOR FILING DATE: 2002-09-11
PRIOR FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: US 08/416,711
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Sequence 4, Appli
Sequence 4, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 14, Appl
Sequence 14, Appl
Sequence 10557,
Sequence 10557,
Sequence 110, Appl
Sequence 110, Appl
Sequence 310, Appl
Sequence 317, Appl
Sequence 415, Appl
Sequence 415, Appl
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Sequence 13, Appl
Sequence 2, Appli
                                                                                                                        2005, 20:24:49; Search time 80:9917 Seconds (without alignments) 144.450 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Published Applications AA Main:*

(cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*):

(cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*):

(cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*):

(cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*):

(cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*):
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-774-602-13
US-10-691-672A-2
US-10-691-672A-2
US-10-691-672A-3
US-10-691-672A-3
US-10-294-770-4
US-10-294-770-4
US-10-294-770-1
US-10-294-770-1
US-10-774-602-14
US-10-691-1310
US-10-691-3110
US-10-655-601-5
US-10-643-897-3110
                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                      PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                   1867569 segs, 417829326 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                   OM protein - protein search, using sw model
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                      Perfect score:
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| 214781, 3363, Ap 140346, 651054, A 231230, 150366, 15036, A 214708, A 214708, A 214708, A 214708, A 21482, A 21636, App | ### ALIGNMENTS tion US/10294770 030161840A1 PIERRE PLASMODUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES TS9020COTP 12002-11-15 WHER: US 08/416,711 1995-07-19 WHER: PCT/FR93/01024 1995-10-18 S: 14 **ALIGNMENTS **ALIGNMENT | 0 | ANTIBODIES |
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| 1.097-143-3363 1.097-143-3363 1.097-143-3363 0.425-114-6140346 0.425-115-2131230 0.428-1229-150566 0.281-1529-15056 0.504-521-15-214708 0.282-125-15-214708 0.282-125-15-214708 0.282-125-15-214708 0.282-115-214708 0.282-115-214708 0.282-115-2282 0.282-1228-1258 0.282-1228-12882 0.287-226-661 | ANTIGEN | DB 4; 2.6e-12; les 0; | ion US/10774602 40141987A1 PIERRE PLASMODIUM FALCIPARUM ANTIGENS 91USODIV |
| -425-115-425-115-425-115-425-11643-145-145-145-145-145-145-145-145-145-145 | ALIGNMENTS 70 LCIPARUM A 7294,770 56,947 16,711 3/01024 | ore 147; ed. No. 2 Mismatche SKEND 28 SKEND 28 | IPARUM |
| US-10- US-11- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US-10- US | ALC 194770 195770 15 15 15 15 15 15 15 15 15 15 15 15 15 | Score Pred. 0; Mism KENISKEN | 74602 1 FALC |
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| 3242 3242 3242 304 654 1080 1182 1182 1182 1182 1182 1182 1182 | Lion US 0301618 PIERRE PLASMO NUMBER: 1 2002 UMBER: 1999-07 1995-08 1993-10 S: 14 version | 100.0%; 100.0%; Conservative C KKEENMLSHLYVSSKDF | ication US/1 520040141987. CN: HE, PIERRE 248791USODIV |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | pplica Tribulation in the control of | Similarity 100.0%; Score 1. Similarity 100.0%; Pred. NV: 8; Conservative 0; Mismal PEHKKEENMLSHLYVSSKDKENISKEND | i-602-13 ee 13, Application No. US20 information: ANT: DRULLHE, ON T: UNUENTION: |
| 53 52 52 52 52 52 52 52 52 52 52 53 53 54 54 54 54 54 54 54 54 54 54 54 54 54 | ALIGNMES SEQUENCE 13, Application US/10294770 Sequence 13, Application US/10294770 Sequence 13, Application US/10294770 SEQUENCE 10 NO. US20030161840A1 APPLICANT: DRUILHE, PIERRE TITLE OF INVEXTION: PLASMODIUM FALCIPARUI FILE REFERENCE: 230759USCH: US/10/294,777 CURRENT APPLICATION NUMBER: US/10/294,777 CURRENT FILING DATE: 1999-07-19 PRIOR FILING DATE: 1999-07-19 PRIOR FILING DATE: 1999-07-19 PRIOR FILING DATE: 1999-07-19 PRIOR FILING DATE: 1993-10-18 NUMBER OF SEQ ID NOS: 14 SOFTWARE: PatentIn version 3.1 LENGTH: 28 TYPE: PRT ORGANISM: Artificial Sequence FEATURE: FEATU | 1 28 P | ULT 2 10-774-602-13 equence 13, Applicat ublication No. US20 ENERAL INFORMATION: APPLICANT: DRUILHE, TITLE OF INVENTION: |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | RESULT 1 US-10-294-770-13 Sequence 13, A PLICATION NO TITLE OF INVE TILLE OF INVE TILLE OF INVE TILLE OF INVE TILLE OF INVE PRIOR PILLING PRIOR PILLING PRIOR FILLING NUMBER OF SEQ SOFTWARE: PAT SEQ ID NO 13 LENGTH: 28 TYPE: PRT ORGANISM: AT | ; UTHER IN US-10-294-77 Query Match Best Local Matches Qy | RESULT 2 (S-10-774-602-13 Sequence 13, Application US/10774602 Publication No. US20040141987A1 GENERAL INFORMATION: APPLICANT: BOULLER, PIERRE TITLE OF INVENTION: PLASMODIUM FALC FILE REFERENCE: 248791US0DIV |
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Indels

Length 188;

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Query Match
100.0%; Score 147; DB 5;
Best Local Similarity 100.0%; Pred. No. 2.2e-11;
Matches 28; Conservative 0; Mismatches 0;
                                                                                                                                                                                   1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                            37 PEHKKEENMLSHLYVSSKDKENISKEND 64
      ; LOCATION: (1)..(188)
; OTHER INFORMATION: MSP3a to MSP3f
US-10-691-672A-7
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Sequence 2, Application US/10691672A
Publication No. US20050112133A1
GENERAL INFORMATION:
APPLICANT: BURLIHE, PIERRE
TITLE OF INVENTION: GLUBP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT FILE REFERENCE: 0.2356.0088
CURRENT APPLICATION NUMBER: US/10/691,672A
CURRENT FILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 3.3
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Publication No. US20050112133A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION WUMBER: US/10/691,672A
CURRENT APPLICATION WUMBER: US/10/691,672A

NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 3.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: (1)...(169)
; OTHER INFORMATION: MSP3 amino acids 212-380
US-10-691-672A-2
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PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: PCT/FR93/01024
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 28
                                                                                                                                                                                               FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-774-602-13
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ORGANISM: Plasmodium falciparum
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                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Seguence
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NAME/KEY: SITE
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US-10-691-672A-2
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Sequence 4, Application US/10294770

| Sequence 4, Application US/10294770
| Sequence 4, Application US/10294770
| Publication No. US20030161840A1
| GENERAL INFORMATION:
| APPLICANT: DRUILHE, PIERRE
| TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
| FILE REFERENCE: 230759940CIP
| CURRENT FILING DATE: 2022-11-15
| PRIOR PAPLICATION NUMBER: US 09/356,947
| PRIOR FILING DATE: 1999-07-19
| PRIOR PILING DATE: 1995-07-19
| PRIOR APPLICATION NUMBER: PCT/FR93/01024
| PRIOR FILING DATE: 1993-10-18
| NUMBER OF SEQ ID NOS: 14
| SEQ ID NO 4
| LENTH: 28
US-10-691-672A-3

Sequence 3, Application US/10691672A

Sequence 3, Application Wo. US20050112133A1

Sequence 3, Application Wo. US20050112133A1

GENERAL INFORMATION:

APPLICANT: DRUILHE, ELERRE

TITLE OF INVENTION: ALURP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT FILE REPRENCE: 02356.0085

CURRENT APPLICATION NUMBER: US/10/691,672A

CURRENT APPLICATION NUMBER: 2003-10-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 3.3

SEQ ID NO 3

LENGTH: 647
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NAME/KEY: SITE
LOCATION: (1)..(647)
THER INDEMATION: GLURP MSP3 fusion protein
US-10-691-672A-3
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; ORGANISM: Plasmodium falciparum
US-10-294-770-4
                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/10238741 Publication No. US20040096466A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM: Plasmodium falciparum
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Best Local Similarity 96.4%;
Matches 27; Conservative
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US-10-238-741-1
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                       Gaps
                                                                                                                                                                                                   Sequence 4, Application US/10238741
Publication No. US20040096466A1
GENERAL INFORMATION:
APPLICANT: BRILLHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
STATE: VA
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                     Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-Nov-2002
CLASSIFICATION: <UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/356,497

APPLICATION NUMBER: US/09/356,497

APPLICATION NUMBER: US/08/416,711

FILING DATE: 08-AUG-1995

APPLICATION NUMBER: PCT/FR93/01024

FILING DATE: 18-OCT-1993

APPLICATION NUMBER: FR 92/12488

FILING DATE: 19-OCT-1992

ATTORNEY/ACENT INFORMATION:

NAME: OBLOM, NOMBER: 24,618

REFERENCE/DOCKET NUMBER: 660-085-0 PCT

TELECOMMUNICATION INFORMATION:
  Pred. No. 8.9e-12;
                                                              1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-238-741-4
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 703-413-3000
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LENGTH: 28 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 96.4%;
Matches 27; Conservative
Best Local Similarity 96.4%;
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 4
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                                                                                                                                                                 RESULT 7
US-10-238-741-4
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US-10-774-602-4
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Sequence 4, Application US/10774602

Publication No. US20040141987A1

GENERAL INFORMATION:

APPLICANT DAULIE, PIERRE

TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REFERENCE: 248791USODIV

CURRENT APPLICATION NUMBER: US/10/774,602

CURRENT APPLICATION NUMBER: US 09/356,947

PRIOR APPLICATION NUMBER: US 10/238,741

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-11

PRIOR FILING DATE: 1993-08-08

PRIOR FILING DATE: 1993-10-18

PRIOR PRILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 4

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/10294770; Sequence 1, Application US/10294770; Publication No. US2003161840A1; Sequence 1, Application No. US2003161840A1; Publication No. US2003161840A1; GENERAL INFORMATION:

APPLICANT: DRUILHS, PIERE

TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES; FILE REPERBNCE: 230759USOCIP; CURRENT APPLICATION NUMBER: US/10/294,770

CURRENT APPLICATION NUMBER: US 09/356,947

FRIOR FILING DATE: 1999-07-19

PRIOR PLILNG DATE: 1995-08-08

PRIOR PLILNG DATE: 1995-08-08

PRIOR APPLICATION NUMBER: PCT/FR93/01024

PRIOR PLILNG DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 1

LENGTH: 64
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Pred. No. 8.9e-12;
1; Mismatches 0
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Sequence 14, Application US/10294770;
Sequence 14, Application US/10294770;
Publication No. US20030161840A1
GENERAL INFORMATION:
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES;
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES;
FILE REFERENCE: 230759USGOIP;
CURRENT FILING DATE: 2002-11-15;
PRIOR FILING DATE: 1999-07-19;
PRIOR FILING DATE: 1995-07-19;
PRIOR PELING DATE: 1995-07-19;
PRIOR PELING DATE: 1995-07-19;
PRIOR PELING DATE: 1993-10-18;
PRIOR FILING DATE: 1993-10-18;
PRIOR FILING DATE: 1993-10-18;
SEQ ID NOS: 14;
SEQ ID NO 14;
LENGTH: 41
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Publication No. US20040141987A1

GENERAL INFORMATION:

APPLICANT: DRUILLE, PIERE

TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REPERENCE: 24679140501V

CURRENT APPLICATION NUMBER: US/10/774,602

CURRENT APPLICATION NUMBER: US/356,947

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 2002-09-11

PRIOR FILING DATE: 2002-09-11

PRIOR PRILAGATION NUMBER: US/416,711

PRIOR FILING DATE: 1995-08-08

PRIOR APPLICATION NUMBER: PCT/FR93/01024

PRIOR FILING DATE: 1993-10-18

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.1
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100.0%; Pred. No. 4.6e-06
tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                          1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       37 PEHKKEENMLSHLYVSSKDKENISKENE 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) OTHER INFORMATION: Synthetic Peptide US-10-294-770-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9 MLSHLYVSSKDKENISKEND 28
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PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 64
TYPE: PRT
ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 96.4
Matches 27; Conservative
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Matches 20; Conservative
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US-10-774-602-14
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Publication No. US20040141987A1
GENERAL INFORMATION
FURSAL INFORMATION
FURSAL INFORMATION
APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILLE REFRENCE: 24879110201V
CURRENT APPLICATION NUMBER: US/10/774,602
CURRENT FILING DATE: 2004-02-10
PRIOR FILING DATE: 1999-07-19
PRIOR FILING DATE: 2002-09-11
PRIOR FILING DATE: 2002-09-11
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: US 08/416,711
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                                                                                      NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                  FALCIPARUM ANTIGENS INDUCING ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPEATING SYSTEM: PC-DOS/NM-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-Nov-2002
CLASSIFICATION: <unhapter of the companies of the co
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                                                                                                                                                                                                     STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   660-085-0 PCT
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TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-238-741-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660
                                                                     PROTECTIVE
   OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
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Best Local Similarity 96.41
Matches 27; Conservative
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US-10-774-602-1
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Query Match 36.7%; Score 54; DB 4; Length 199; Best Local Similarity 33.3%; Pred. No. 42; Matches 9; Indels Matches 9; Indels
; OTHER INFORMATION: Clone ID: PAT_MRT4530_60710C.1.pep
US-10-437-963-161536
                                                                                                                                                                                                   131 EHEENQKIRLQLELKNKDIESLKKQND 157
                                                                                                                                                                                                                                                                                         Search completed: November 22, 2005, 20:54:01 Job time : 81.9917 secs
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US-10-437-963-161536

i) Sequence 161536, Application US/10437963

j) Publication No. US20040123343A1

j) Publication No. US20040123343A1

j) REPLICANT: La Rosa, Thomas J.

j) APPLICANT: La Rosa, Thomas J.

j) APPLICANT: Avorgavei

j) APPLICANT: Applicant: Avorgavei

j) APPLICANT: Boukharov, Andrey A.

j) APPLICANT: Boukharov, Andrey A.

j) APPLICANT: Li, Ping

j) APPLICANT: Li, Ping

j) TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

j) TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

j) TURBENT APPLICATION NUMBER: US/10/437,963

j) CURRENT FILING DATE: 2003-05-14

j) NUMBER OF SEQ ID NOS: 204966

j) SEQ ID NO 161536

j) EMEXTH: 199

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j) EMEXTH: 199

manner

j) REMOTH: 199
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Publication No. US20050112133A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GLURP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND
TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT
FILE REPRESENCE: 02356.0085
CURRENT APPLICATION NUMBER: US/10/691,672A
CURRENT PILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 6
LENGTH: 41
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                                                                                                                     ; OTHER INFORMATION: Synthetic Peptide US-10-774-602-14
                                                                                                                                                                                                                                                                                                                 1 MLSHLYVSSKDKENISKEND 20
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                                                   TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.0
Matches 20; Conservative
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LOCATION: (1)...(41)
CTHER INFORMATION: MSP3d
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ORGANISM: Oryza sativa
FEATURE:
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US-10-691-672A-6
  SEQ ID NO 14
LENGTH: 41
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Sequence 1, Appli
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Sequence 51102, A
Sequence 5692, Ap
Sequence 5, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 7, Appli
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Sequence 1436, Ap
Sequence 4, Appli
Sequence 6, Appli
Sequence 6, Appli
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                                                                                    November 22, 2005, 20:20:23 ; Search time 17.5868 Seconds (without alignments) 131.628 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
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1: /cgT2_6/ptodata1/laa/5_COMB.pep:*
2: /cgT2_6/ptodata/1/laa/H_COMB.pep:*
4: /cgT2_6/ptodata/1/laa/H_COMB.pep:*
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5: /cgT2_6/ptodata/1/laa/RE_COMB.pep:*
6: /cgT2_6/ptodata/1/laa/RE_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-356-497-4
US-10-236-497-4
US-09-356-497-1
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US-09-513-999C-7954
US-09-513-999C-7954
US-09-513-999C-7954
US-09-513-999C-7954
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US-09-541-782-6
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Maximum Match 100%
Listing first 45 summaries
                                                          OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: PAGE #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/416,711
FILING DATE: US/08/416,711
FILING DATE: US/08/416,711
APPLICATION NUMBER: CT/FR93/01024
FILING DATE: 18-OCT-1993
PRIOR APPLICATION DAMBER: FR 92/12488
FILING DATE: 19-OCT-1992
ATFORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F. REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
TELECOMMUNICATION INFORMATION:
TELEFREX: 703-413-3000

TELEFAX: 703-41.
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
TENGTH: 28 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide

OPERATING SYSTEM: PC-DOS/MS-DOS

| 7.5 32.3 10182 2 US-09-134-001C-3159 Sequence 47 32.0 534 2 US-09-588-370A-5 Sequence 46 31.3 2.0 534 2 US-09-248-796A-18611 Sequence 46 31.3 2.7 2 US-09-248-796-3 Sequence 46 31.3 27 2 US-09-156-497-3 Sequence 46 31.3 136 2 US-09-270-767-32376 Sequence 46 31.3 136 2 US-09-134-001C-3897 Sequence 46 31.3 136 2 US-09-134-001C-3897 Sequence 46 31.3 136 2 US-09-134-001C-3897 Sequence 5.5 31.0 239 2 US-09-513-055-50 Sequence 5.5 31.0 239 2 US-09-513-783A-50 Sequence 5.5 31.0 239 2 US-09-513-783A-50 Sequence 5.5 31.0 239 2 US-09-513-783A-50 Sequence 5.5 31.0 239 2 US-09-134-185A-197 Sequence 5.5 31.0 239 2 US-09-138-185A-197 Sequence 5.5 31.0 239 2 US-09-198-452A-214 Sequence 5.5 31.0 S38 2 US-09-198-452A-214 Sequence 5.5 31.0 S38 2 US-09-198-452A-197 Sequence 5.6 US-09-198-438-185A-197 Sequence 5.7 US-09-198-452A-197 Sequence 5.8 US-09-198-452A-197 Sequence 5.9 US-09-198-452A-197 Sequence 5.1 US-09-198-452A-197 Sequence 5.2 US-09-198-452A-197 Sequence 5.3 US-09-198-452A-197 Sequence 5.4 Application US/08416711 601-601-601-601-601-601-601-601-601-601- | 23 | 47.5 | 32.3 | 1177 | | 1-00-1 | US-10-2/0-085-6 US-09-134-001C-5106 | | Sequence | 5106. Appli |
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| 32.0 534 2 US-09-508-370A-5 31.3 12.0 1049 2 US-09-248-796A-18611 Sequence 31.3 27 2 US-08-416-711-3 31.3 126 2 US-09-356-497-3 31.3 126 2 US-09-356-497-3 31.3 126 2 US-09-270-76-32376 Sequence 31.3 126 2 US-09-270-76-732376 Sequence 31.3 126 2 US-09-270-76-732376 Sequence 31.3 126 2 US-09-513-4001C-3897 Sequence 31.3 126 2 US-09-513-4001C-3897 Sequence 31.0 239 2 US-09-513-783A-50 Sequence 31.0 239 2 US-09-438-185A-197 Sequence 31.0 239 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 S14 2 US-09-438-185A-197 Sequence 31.0 S18 2 US-09-198-45A-197 Sequence 31.0 S18 2 US-09-498-45A-197 Sequence 31.0 US-09-498-198-45A-197 Sequence 31.0 US-09-498-198-45A-197 Sequence 31.0 US- | 30 | . [| . r. | | _ | 1-09-1 | 34-001C-3159 | | Sequence | 3159, A |
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| 31.3 27 2 US-08-416-711-3 Sequence 31.3 27 2 US-09-156-497-3 31.3 27 2 US-09-356-497-3 31.3 27 2 US-09-356-497-3 31.3 136 2 US-09-270-767-32376 Sequence 31.3 136 2 US-09-270-767-4593 Sequence 31.3 136 2 US-09-270-767-4593 Sequence 31.3 136 2 US-09-134-001C-3897 Sequence 31.0 239 2 US-09-134-0012-3897 Sequence 31.0 239 2 US-09-131-9 Sequence 31.0 239 2 US-09-131-783A-50 Sequence 31.0 239 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 538 2 US-09-438-185A-197 Sequence 31.0 S38 2 US-09-10-10-10-10-10-10-10-10-10-10-10-10-10- | 32 | 47 | 32.0 | | | 2-60- | 48-796A-1861 | - | Sequence | 18611, |
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| 31.3 27 2 US-10-238-741-3 31.3 136 2 US-09-270-767-32376 31.3 136 2 US-09-270-767-32376 31.3 136 2 US-09-270-767-32376 31.3 136 2 US-09-270-767-32376 31.3 181 2 US-09-330-13 31.0 239 2 US-09-38-092-1319 31.0 239 2 US-09-430-6320-13 31.0 239 2 US-09-430-656-50 31.0 239 2 US-09-430-452A-214 Sequence 31.0 239 2 US-09-430-452A-214 Sequence 31.0 514 2 US-09-438-185A-197 SEQUENCE 31.0 538 5 US-08-185A-185A-197 SEQUENCE 31.0 538 5 US-08-185A-185A-185A-185A-185A-185A-185A-185 | 34 | 46 | 31.3 | | | -00-3 | 56-497-3 | o , | | 3, Appl |
| 31.3 136 2 US-09-270-767-32376 Sequence 31.3 136 2 US-09-270-767-47593 Sequence 31.3 136 2 US-09-270-767-47593 Sequence 31.3 136 2 US-09-134-001C-3897 Sequence 31.3 516 2 US-09-134-002-1319 Sequence 31.0 239 2 US-09-538-092-1319 Sequence 31.0 239 2 US-09-538-092-1319 Sequence 31.0 239 2 US-09-538-092-1319 Sequence 31.0 239 2 US-09-138-185A-197 Sequence 31.0 538 2 US-09-138-185A-197 Sequence 31.0 Sequenc | 32 | 46 | 31.3 | | | -10-2 | 38-741-3 | υ, | | 3, Appl |
| 31.3 136 2 US-09-270-767-47593 Sequence 31.3 186 2 US-09-496-320-3 31.3 181 2 US-09-430-032-0397 Sequence 31.0 239 2 US-09-538-092-1319 Sequence 31.0 239 2 US-09-531-783A-50 Sequence 31.0 239 2 US-09-531-783A-50 Sequence 31.0 239 2 US-09-438-185A-197 Sequence 31.0 239 2 US-09-198-452A-214 Sequence 31.0 538 2 US-09-198-452A-214 Sequence 31.0 538 2 US-09-198-452A-197 Sequence 31.0 538 2 US-09-198-452A-197 Sequence DEDITION: PROTICINE: BUTCATION: BUT | 36 | 46 | 31.3 | | | -09-2 | 70-767-32376 | | | 32376, |
| 11.3 181 2 US-09-134-001C-3897 Sequence 31.3 516 2 US-09-496-320-13 Sequence 31.0 239 2 US-09-438-092-1319 Sequence 31.0 239 2 US-09-438-092-1319 Sequence 31.0 239 2 US-09-438-092-74-50 Sequence 31.0 239 2 US-09-438-0957A-50 Sequence 31.0 514 2 US-09-198-452A-214 Sequence 31.0 514 2 US-09-438-185A-197 Sequence 31.0 518 2 US-09-438-185A-197 Sequence 31.0 518 2 US-09-438-185A-197 Sequence 31.0 518 2 US-09-188-185A-197 Sequence 31.1 1753 Sequence 31.1 1755 Sequence 31.2 1755 Sequence 31.3 1755 Sequence 31.4 1755 Sequence 31.5 1755 Sequence 31.5 1755 Sequence 31.5 1755 Sequence 31.6 1755 Sequence 31.7 1755 Seque | 37 | 46 | 31.3 | | | -09-5 | 70-767-47593 | | | 47593, |
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| 31.3 885 2 US-09-538-092-1319 Sequence 31.0 239 2 US-09-513-783A-50 Sequence 31.0 239 2 US-09-513-783A-50 Sequence 31.0 239 2 US-09-130-656-50 Sequence 31.0 239 2 US-09-130-656-50 Sequence 31.0 538 2 US-09-198-452A-214 Sequence 31.0 538 2 US-09-198-452A-197 Sequence 17538 RMATION: | 39 | 46 | 31.3 | | • | 1-00-4 | 96-320-13 | 0,1 | | 13, App |
| 31.0 239 2 US-09-513-783A-50 Sequence 50, 31.0 239 2 US-09-0100-957A-50 Sequence 50, 31.0 239 2 US-01-100-957A-50 Sequence 50, 31.0 239 2 US-10-100-957A-50 Sequence 50, 31.0 514 2 US-09-188-452A-214 Sequence 1197, 31.0 518 2 US-09-188-452A-197 Sequence 1197, 31.0 538 2 US-09-438-185A-197 Sequence 1197, DRULHE, PIERRE BOUHAROUN-TAYOUN, HASNAQ OGGUVARY, CLAUDE NVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING SEQUENCES: 10 SECONDALS: | 40 | 46 | 31.3 | | | -09-5 | 38-092-1319 | U , | | 1319, A |
| 31.0 239 2 US-09-430-656-50 Sequence 50, A 31.0 239 2 US-10-10-9574-50 Sequence 50, A 31.0 514 2 US-10-10-9574-50 Sequence 51, A 31.0 518 2 US-09-438-185A-197 Sequence 197, Sequence 19 | 41 | 'n | 31.0 | | | 9-60- | 13-783A-50 | υ, | Sequence | |
| 31.0 239 2 US-10-100-957A-50 Sequence 50, A 31.0 538 2 US-99-438-185A-197 Sequence 197, 31.0 538 2 US-09-438-185A-197 Sequence 197, 31.0 538 2 US-09-438-185A-198-197 Sequence 197, 31.0 538 2 US-09-438-185A-198-197 Sequence 197, 31.0 538 2 US-09-438-185A-198-197 Sequence 197, 31.0 538 2 US-09-9438-198-198-197 Sequence 197, 31.0 538 2 US-09-9438-198-198-198-197 Sequence 197, 31.0 538 2 US-09-9438-198-198-198-198-198-198-198-198-198-19 | 42 | S | | | | 1-09-4 | 30-656-50 | 0, | Sequence | |
| 31.0 514 2 US-09-198-452A-114 Sequence 214, 31.0 538 2 US-09-438-197 Sequence 197, PULICATION US/08416711 PRATION: BOUHAROUN-TAYOUN, HASNAQ GENTRAY, CLAUDE NVENTION: PROTECTIVE ANTIBODIES SEQUENCES: E. OBLON, PROTECTIVE ANTIBODIES SEQUENCES: E. OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, E: P.C. RLINGTON VAA USA 1755 S. JEFFERSON DAVIS HIGHWAY USA 202 EABABLE FORM: FIRDAD disk I IBM PC companible | 43 | S | ч | 39 | ns | -10 | 00-957A-50 | 0, | Sequence | |
| 31.0 538 2 US-09-438-185A-197 Sequence 197, 17538 PDLication US/08416711 17538 DRUILHS, PIERRE BOUHAROUN-TAYOUN, HASNAQ OEUVRAY, CIANUDE NVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING NVANTANTON USA 202 EADABLE FORM: FERRADABLE FORM: FERRADABLE FORM: FINGTON INSA 1755 S. JEFFERSON DAVIS HIGHWAY VAR USA 2175 S. JEFFERSON DAVIS HIGHWAY VAR 1878 FILINGTON INSA 2188 FILINGTON INSA 2 | 44 | 'n | ä | 14 | | 9 | 4 | υ, | sequence | 4 |
| ALIGNMENTS pplication US/08416711 17538 RMATION: DRUILHE, PIERRE BOUHAROUN-TAYOUN, HASNAQ OEUVRAY, CIANDER OEUVRAY, CIANDER NYENTION: PLASMODIUM FALCIPARUM ANTIGENS NYENTON USA 1755 S. JEFFERSON DAVIS HIGHWAY USA 202 EADABLE FORM: EADABLE FORM: INSPECTION OF THE PROPERTY | 45 | Š. | ij | 38 | | -09-4 | 38-185A | o, | sequence | 7. |
| Application US/08416711 6017538 FORMATION: I: BOUTILHE, PIERRE I: BOUTAROUNT-TAYOUN, HASNAQ IINVENTION: PLASMODIUM FALCIPARUM ANTIGENS IINVENTION: PROTECTIVE ANTIBODIES FOR EQUENCES: 10 FORENCE ADDRESS: SEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSE: 1755 S. JEFFERSON DAVIS HIGHWAY ARLINGTON VA VY VY VA VY | RESULT 1 US-08-41 | 6-711-4 | | | | | | | | |
| FORMATION: T: DRUILHE, PIERRE T: DRUILHE, PIERRE T: DGUVARY, CLAUDE TINUENTION: PLASMODIUM FALCIPARUM ANTIGENS TINVENTION: PLASMODIUM FALCIPARUM ANTIGENS TINVENTION: PROTECTIVE ANTIBODIES F SEQUENCES: 10 SEE: 0BLON, SPIVAK, MCCLELLAND, MAIER & NEUSE: 1755 S. JEFFERSON DAVIS HIGHWAY ARLINGTON VA Y: USA Z2202 READABLE FORM: TYPE: FLORPY disk | ; Sequer | | oplicatic | 30/SD uc | 84167 | 11 | | | | |
| ON: ILME, PIERRE HAROUN-TAYOUN, HASNAQ WRAY, CLAUDE ION: PLASMODIUM FALCIPARUM ANTIGENS ION: PROTECTIVE ANTIBODIES NUES: 10 ADDRESS: ADDRESS: S. JEFFERSON DAVIS HIGHWAY TON IE FORM: RIORPY disk RIORPY disk RICCOMBALISIE | Patent | | 17538 | | | | | | | |
| HE, PIERRE ROUN-TAYOUN, HASNAQ ROUN-TAYOUN, HASNAQ N: PLASMODIUM FALCIPARUM ANTIGENS N: PROTECTIVE ANTIBODIES SN: 10 DRESS: ON, SPIVAK, MCCLELLAND, MAIER & NEU N USFFERSON DAVIS HIGHWAY N FORM: LOPPY disk PC COMSALIble | GENER | AL INFO | RMATION: | | | | | | | |
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| AUDE ASMODIUM FALCIPARUM ANTIGENS OTECTIVE ANTIBODIES OTECTIVE ANTIBODIES OIVAK, MCCLELLAND, MAIER & NEU ERSON DAVIS HIGHWAY disk patible | APE | LICANT | BOUHARC | JUN-TAY | | HASNA | 0 | | | |
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| OTECTIVE ANTIBODIES 0 IVAK, MCCLELLAND, MAIER & NEU ERSON DAVIS HIGHWAY disk patible | TIL | LE OF II | NVENTION: | | MODIU | | CIPARUM ANTI | | CING | |
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| IVAK, MCCLELLAND, MAIER & ERSON DAVIS HIGHWAY disk patible | NO. | BER OF : | SEQUENCES | | | | | | | |
| IVAK, MCCLELLAND, MAIER & ERSON DAVIS HIGHWAY disk patible | . CO | RESPONDI | ENCE ADDR | RESS: | | | | | | |
| ADDRESSEE: P.C. STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA COUNTRY: USA ZIP: 22202 COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC compatible | A. | DDRESSE | | I, SPIV | AK, M | CCLEL | | & NEUSTAI | ĭ, | |
| STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA COUNTRY: USA ZIP: 22202 COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC compatible | | DDRESSE | | | | | | | | |
| CITY: ARLINGTON STATE: VA COUNTRY: USA ZIP: 22202 COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC compatible | · | | | JEFFER | SOND | AVIS | HIGHWAY | | | |
| ; STATE: VA ; COUNTRY: USA ; ZIP: 22202 ; COMPUTER READABLE FORM: ; MEDLUM TYPE: Ploppy disk ; COMPUTER: IBM PC compatible | | | RLINGTON | | | | | | | |
| COUNTRY: USA ZIP: 22202 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible | | | VA | | | | | | | |
| ; ZIP: 22202 ; COMPUTER READABLE FORM: ; MEDIUM TYPE: Floppy disk ; COMPUTER: IBM PC compatible | | COUNTRY: | USA | | | | | | | |
| ; COMPUTER READABLE FORM: ; MEDIUM TYPE: Floppy disk ; COMPUTER: IBM PC compatible | | | 202 | | | | | | | |
| ; MEDIUM TYPE: Floppy disk : COMPUTER: IBM PC compatible | Š | PUTER RI | SADABLE F | ORM: | | | | | | |
| : COMPUTER: IBM PC compatible | 2 | EDIUM T | | ppy die | sk sk | | | | | |
| | | OMPUTER | : IBM PC | compat | tible | | | | | |

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Patent No. 6949627
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              COUNTRY:
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0
                                         Gaps
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                                                                                                                                                                                                     S-09-356-49,-4
Sequence 4, Application US/09356497
Sequence 4, Application US/09356497
Parent No. 6472519
GENERAL INFORMATION:
GENERAL INFORMATION:
PERERE
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROFECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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MEDLUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRING APPLICATION DATE:

PILLING DATE: 19-Jul-1999

CLASSIFICATION: < Unknown>
DB 2; Length 28;
1.5e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 143; DB 2; Length 28;
Pred. No. 1.5e-14;
1; Mismatches 0; Indels
                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          660-085-0 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
Query Match 97.3%; Score 143; DE Best Local Similarity 96.4%; Pred. No. 1.56 Matches 27; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                            1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                    PEHKKEENMLSHLYVSSKDKENISKENE 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-356-497-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 3
US-10-238-741-4
; Sequence 4, Application US/10238741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 96.47
Best Local Similarity
Them 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: ARLINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                           RESULT 2
US-09-356-497-4
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APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/08416711
Patent No. 6017538
GENERAL INFORMATION:
APPLICANT: DRUILLE, PIERRE
APPLICANT: DGUTARY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
TITLE OF INVENTION: PROTECTIVE ANTIBODIES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPER: FLOPPY disk

MEDIUM TYPER: FLOPPY disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/238,741

FILING DATE: 09-No. 6949627-2002

CLASSIFICATION: AUNKNOWN-

PRIOR APPLICATION: AUNKNOWN-

PRIOR APPLICATION NUMBER: US/09/356,497

FILING DATE: 19-11-1999

APPLICATION NUMBER: PCT/FR93/01024

FILING DATE: 18-OCT-1995

APPLICATION NUMBER: FR 92/12488

FILING DATE: 18-OCT-1992

ATTORNEY/AGENT INFORMATION:

NAME: OFFICE NUMBER: FR 92/12488

FILING DATE: 19-OCT-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: OBLON, NORWAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            97.3%; Score 143; DB 2; 96.4%; Pred. No. 1.5e-14; tive 1; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS
                                                                                                                            NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 96.4
Matches 27; Conservative
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Sequence 1, Application US/10238741
Patent No. 6949627
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHARDUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: INDEX OCCUMPATION

COMPUTER: INDEX OCCUMPATION

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/238,741

FILING DATE: 09-No. 6949627-2002

CLASSIFICATION: «Unknown»

PRIOR APPLICATION AUMBER: US/09/356,497

FILING DATE: 19-041-1999

APPLICATION NUMBER: US/08/416,711

FILING DATE: 08-AUG-1995

APPLICATION NUMBER: PCT/FR93/01024

FILING DATE: 18-067-1992

APPLICATION NUMBER: FR 92/12488

FILING DATE: 19-067-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 64;
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                PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-406-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-0CT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-0CT-1992
ATTORNEY/ACENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3200
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGRICH AMINO ACIDS
LENGRICH AMINO ACIDS
LENGRICH AMINO ACIDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  97.3%; Score 143; DB 2;
96.4%; Pred. No. 3.9e-14;
iive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PROTECTIVE ANTIBODIES NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
         <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 96.4%
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 6
US-10-238-741-1
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US-09-356-497-1
; Sequence 1, Application US/09356497
; Patent No. 6472219
; Patent No. 6472219;
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; BOUHAROUN-TAYOUN, HASNAQ
; OEUVRAY, CLAUDE
; TITLE OF INVENTION: PLASMODIUM PALCIPARUM ANTIGENS INDUCING
; PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT-FR93/01024
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PR 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INPORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 46.0-085-0 PCT
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
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ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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                                                                                                                                        COMPUTER READABLE FORM;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 97.3
Best Local Similarity 96.4
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             703-413-2220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                               USA
                                                                                                                ZIP: 22202
                                             CITY: ARI
STATE: V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-416-711-1
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Gaps

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APPLICATI: KIMMERLY, WILLIAM JOHN
TITLE OF INVENTION: STAPHYLOCCCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
FILE REFERENCE: PU348002
CURRENT APPLICATION NUMBER: US/09/710,279
CURRENT FILING DATE: 2000-11-09
PRIOR PPLICATION NUMBER: 60/164,258
PRIOR PILLING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 4472
SOFTWARE: PATENT VET. 2.1
SOFTWARE: PATENT VET. 2.1
ENGTHARE: 1899
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                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTHER INFORMATION: Description of Artificial Sequence: synthetic CTHER INFORMATION: amino acid sequence US-09-710-279-2692
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e
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APPLICANT: Baker, Barbara J
APPLICANT: Whitham, Steven A
TITLE OF SEQUENCE: 6
NUMBER OF SEQUENCE: 6
CORRESPONDENCE ADDRESS:
  39.5%; Score 58; DB 2; Length 121; 50.0%; Pred. No. 0.38; ive 5; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,663A
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8
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Best Local Similarity 42.9%; Pred. No. 17;
Matches 12; Conservative 5; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Margaret A. Connor, USDA-ARS
STREET: 800 Buchanan Street
CITY: Albany
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                 ; Sequence 2692, Application US/09710279; Patent No. 6703492; GENERAL INFORMATION:
                                                                                                                        :|: ||||| |: |: |:
84 KNIFSHLYVISEXKSNIYQSNN 105
                                                                                            7 ENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-261-663A-6; Sequence 6, Application US/08261663A; Patent No. 5571706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: CONDOT, MARGAREL A
REGISTRATION NUMBER: 30043
REFERENCE/DOCKET NUMBER: 0
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : (510) 559-6067
(510) 559-5777
    Query Match 39.5
Best Local Similarity 50.0
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                              US-09-710-279-2692
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT FILING DAMER: US/09/270,767

CURRENT FILING DAMER: US/09/270,767

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 35885

LENGTH: 121
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US-09-270-767-51102
US-09-270-767-51102
Sequence 51102, Application US/09270767
Fatent No. 6703491
GENERAL INFORMATION:
TITLE OF INVENTION: Homburer et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFRENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 51102
LENGTH: 121
                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                               97.3%; Score 143; DB 2; Length 64; 96.4%; Pred. No. 3.9e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                39.5%; Score 58; DB 2; Length 121; 50.0%; Pred. No. 0.38;
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-220
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-51102
                                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   37 PEHKKEENMLSHLYVSSKDKENISKENE 64
                                                                                                                                                                                                                                                                                                                                                                                                                                         1 PEHKKEENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                              TYPE: anino acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  84 KNIFSHLYVISEXKSNIYQSNN 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7 ENMLSHLYVSSKDKENISKEND 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 96.43
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 39.5
Best Local Similarity 50.0
Matches 11; Conservative
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US-09-270-767-35885
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US-09-134-001C-3214
US-09-134-001C-3214
Sequence 3214, Application US/09134001C
Sequence 3214, Application US/09134001C
Sequence 3214, Application US/09134001C
Sequence 3214, Application US-09134001C
Sequence 3214, Application US-09134001C
SEQUENCES INFORMATION: WORLETC ACID AMINO ACID SEQUENCES RELATING TO STAPHYLOCCCUS TITLE OF INVENTION: WORLES GTC-0077
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: UNMER: US/09/134,001C
CURRENT APPLICATION NUMBER: US 60/064,964
PRIOR PELING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR PILING DATE: 1997-11-08
SPRIOR FILING DATE: 1997-11-08
SPRIOR PILING DATE: 1997-14
SEQ ID NO 3224
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                                                                                                                               Sequence 6, Application PC/TUS9507754A
GENERAL INFORMATION:
APPLICANT: Baker, Barbara J
APPLICANT: Whitham, Steven A
TITLE OF INVENTION: Plant Virus Resistance Gene and Methods
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Margaret A. Connor, USDA-ARS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4; Length 652;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07754A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 48.5;
Pred. No. 73;
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; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAMB: COMMOT, MATGALER A
REGISTRATION NUMBER: 30043
REFERENCE/DOCKET NUMBER: 0009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 559-6067
TELEPHONE: (510) 559-5777
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                 T: 800 Buchanan Street
Albany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 50.0%;
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                  94710
                                                                                                RESULT 13
PCT-US95-07754A-6
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                                                                                                                                                                                                                                                                                                                           STREET:
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Patent No. 6630618
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVERTION: NON-PATHOGEN INDUCED SYSTEMIC ACQUIRED RESISTANCE (SAR) IN PLANTS
TITLE OF INVERTION NON-PATHOGEN INDUCED SYSTEMIC ACQUIRED RESISTANCE (SAR) IN PLANTS
TITLE OF INVERTION NUMBER: US/09/813,742A
CURRENT PILING DATE: 2001-03-21
PRIOR FILING DATE: 2000-03-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Dinesh-Kumar, S.
APPLICANT: Baker, Barbara
TITLE OF INVENTION: Pathogen Resistance in Plants using cDNA-N/Intron Constructs
FILE REFERENCE: 042250/191805 (5830-5)
CURRENT APPLICATION NUMBER: US/09/357,206A
CURRENT FILING DATE: 1999-07-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ä
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                                                                                                                                                                                    33.0%; Score 48.5; DB 1; Length 652; 50.0%; Pred. No. 73;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 33.0%; Score 48.5; E
Best Local Similarity 50.0%; Pred. No. 73;
Matches 11; Conservative 3; Mismatches
                                                                                                                                                                                                                                  3; Mismatches
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                                                                                                                                                                                                                                                                                                        606 NSLRHLWTETKKKNNIAEKEGD 627
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 6 PRIOR FILING IDATE: 1998-07-20 NUMBER OF SEQ ID NOS: 22 SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 33.0%;
50.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Nicotiana glutinosa
                                                : 652 amino acids
amino acid
                                                                                                                                                                 Query Match
Best Local Similarity 50.0%
....hes 11; Conservative
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Best Local Similarity 50.09
Matches 11; Conservative
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 652 amino acid
                                                                                           TOPOLOGY: linear; MOLECULE TYPE: protein US-08-261-663A-6
                                                                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-09-357-206A-5
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US-09-813-742A-5
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8 NMLSHLYVSSKDKENIS-KEND 28

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US-09-107-433-4959
; Sequence 4959, Application US/09107433
; Patent No. 6800744
; Patent No. 6800744
; Patent No. 6800744
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; TITLE OF INVENTION: RELATING TO STREPTOCOCCUS PNEUMONIAE
THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Query Match 33.0%; Score 48.5; DB 2; Length 746; Best Local Similarity 42.9%; Pred. No. 86; Matches 12; Conservative 5; Mismatches 8; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 5206
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SISIEM: CONTREM SOFTHARE: CUNTROWN SPECIAL SOFTHARE: CUNTROWN SPECIAL SOFTHARE: CUNTROWN SPECIAL SOFTHAN SPECIAL SPE
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; LOCATION: (B) LOCATION 1...87

; SEQUENCE DESCRIPTION: SEQ ID NO: 4959;

US-09-107-433-4959
                                                                                                                                                                                                            645 POYLYEDVMSS---ISSKDGEDFKKPND 669
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Job time : 18.5868 secs
                                                                                                                                                            1 PEHKKEENMLSHLYVSSKDKENISKEND 28
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
COMPUTER: «Unknown»
OPERATING SYSTEM: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6 EENMLSHLYVSSKDKENISKEN 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              셤
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% Sequence 26, Application US/11012762

Sequence 26, Application US/11012762

Sublication No. US20050244815A1

Fublication No. US20050244815A1

GENERAL INFORMATION:

APPLICANT: Georgia State University Research Foundation, Inc.

APPLICANT: Georgia State University Research Foundation, Inc.

TILLS OF INVENTION: Compositions and Methods for Viral Resistance Genes

CURRENT APPLICATION NUMBER: US/11/012,762

CURRENT PILING DATE: 2004-12-15

PRIOR APPLICATION NUMBER: PCT/US03/19300

PRIOR APPLICATION NUMBER: US 60/390,046

PRIOR FILING DATE: 2002-06-19

NUMBER OF SEQ ID NOS: 133
  ; TYPE: PRT
; ORGANISM: Bacillus sp.
US-10-630-203-25
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nes 9; Conserv
US-10-630-203-25
Query Match
Best Local S
Matches 9
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Sequence 27, Appl
Sequence 28, Appl
Sequence 28, Appl
Sequence 74, Appl
Sequence 4, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 116, Appl
Sequence 21, Appl
Sequence 25, Appl
Sequence 25, Appl
Sequence 116, Appl
Sequence 11, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 210, Appl
Sequence 38, Appl
Sequence 313, Appl
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                                                                        November 22, 2005, 20:24:59; Search time 1.78512 Seconds (without alignments) 17.088 Million cell updates/sec
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| cgn2 6/ptodata/1/pubpaa/US06 NEW PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
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| cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US1 NEW PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US1 NEW PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US1 NEW PUB.pep:*
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Compugen Ltd
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US-11-004-057-4

US-11-004-057-4

US-11-004-057-4

US-11-014-057-4

US-11-014-057-4

US-11-013-284-34

US-10-131-826A-316

US-10-131-986-200

US-10-10-386-200

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                                                                                                                                          1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
           GenCore version
(c) 1993 - 2005
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
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| Sequence 25, Application US/10630203
| Publication No. US20050250663A1
| GENERAL INFORMATION:
| APPLICANT: Novozymes A/S
| APPLICANT: Thisted, Thomas
| APPLICANT: Aderialf, Soren
| APPLICANT: Aderialf, Soren
| APPLICANT: Fuglesng, Claus Crone
| APPLICANT: Puglesng, Claus Crone
| TITLE REFERENCE: 10062.200-US
| CURRENT APPLICATION NUMBER: US/10/9918,543
| PRIOR APPLICATION NUMBER: US/09/918,543
| PRIOR APPLICANTON ADMISSION-OF-31
| NUMBER OF SEQ ID NOS: 30
| SOFTWARE: PatentIn version 3.1
| SEQ ID NO 25
| LENGTH: 501
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                       US-11-0/1-10/1-0/10/US-10-10/10/US-10-467-962B-29
US-10-467-962B-29
US-10-467-962B-99
US-10-131-826A-52
US-10-399-890-352
US-10-131-826A-52
US-11-012-353-54
US-11-012-353-56
US-11-012-353-56
US-11-012-353-60
US-11-012-353-60
US-11-012-62-221
US-10-467-962B-61
US-10-1012-762-60
US-11-016-503-17
US-10-503-18
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nilarity 37.5%;
Conservative
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Gaps

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Query Match 27.3%; Score 41; DB 1; Length 501; Best Local Similarity 37.5%; Pred. No. 14; Matches 9; Conservative 4; Mismatches 11; Indels
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                                                                                                2 KEASSYDYILGWEFGGGVPEHKKE 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Arabidopsis thaliana
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Best Local Similarity 85.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 27, Application US/10630203
; Sequence 27, Application US/10630203
; Publication No. US20050250663A1
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Novozymes A/S
; APPLICANT: Kjaerulff, Soren
; APPLICANT: Kjaerulff, Soren
; APPLICANT: Fuglsang, Carsten
; APPLICANT: Andersen, Carsten
; APPLICANT: Andersen, Carsten
; APPLICANT: Andersen, Carsten
; APPLICANT: Alpha-amylase mutants with altered properties
; TITLE OF INVENTION: Alpha-amylase mutants with altered properties
; TITLE OF INVENTION: Alpha-amylase mutants
; CURRENT APPLICATION NUMBER: US/10/630,203
; CURRENT FILING DATE: 2001-07-29
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 28, Application US/10630203
; Sequence 28, Application US/10630203
; Publication No. US20050250663A1
; GENERAL INFORMATION:
; APPLICANT: Thisted, Thomas
; APPLICANT: Thisted, Thomas
; APPLICANT: Kjaerulff, Soren
; APPLICANT: Kjaerulff, Soren
; APPLICANT: Ruglaang, Claus Crone
; APPLICANT: Ruglaang, Claus Crone
; TITLE OF INVENTION: Alpha-amylase mutants with altered properties
; TITLE OF INVENTION ANDRER: US/10/630,203
; CURRENT APPLICATION NUMBER: US/10/630,203
; CURRENT FILING DATE: 2003-07-29
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 501
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Pred. No. 14;
4; Mismatches 11; Indels
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SOFTWARE: Patentin version 3.2
SEQ ID NO 26
LENGTH: 751
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Best Local Similarity 37.5%;
Matches 9; Conservative
                                                                                           ; ORGANISM: Mus musculus US-11-012-762-26
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US-10-630-203-28
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Best Local Similarity
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US-10-630-203-28
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LENGTH: 501
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                                                                         TYPE: PRT
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                                                                               GENERAL INFORMATION:
APPLICANT: Plesch, Gunnar
APPLICANT: Blau, Astria
APPLICANT: Blau, Astria
APPLICANT: Blau, Astria

APPLICANT: Blau, Astria

APPLICANT: Wathieu
TITLE OF INVENTION: Identification of Herbicidally Active Substances
TITLE OF INVENTION: Identification of Herbicidally Active Substances
FILE REFERENCE: 2000 857
CURRENT APPLICATION NUMBER: VS/10/467,962B
CURRENT APPLICATION NUMBER: PC7/EP02/01466
PRIOR APPLICATION NUMBER: PC7/EP02/01466
PRIOR PLING DATE: 2002-02-13
NUMBER OF SEQ ID NOS: 109
SOFTWARE: PSECHIIN VEFS: 2.0
SOFTWARE: PSECHIIN VEFS: 2.0
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Pred. No. 23;
1; Mismatches 0; Indels
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Sequence 74, Application US/10967457

Sequence 74, Application US/10967457

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF545PCT

CURRENT APPLICATION UNMBER: US/10/967,457

CURRENT FILING DATE: 2004-10-19

PRIOR APPLICATION NUMBER: 60/229,358

PRIOR FILING DATE: 2000-04-12

PRIOR FILING DATE: 2000-04-25

NUMBER OF SEQ ID NOS: 90

SEQ ID NO 74
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US-10-467-962B-85; Sequence 85, Application US/10467962B; Publication No. US20050246784A1
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3; Mismatches
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Pred. No. 29;
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US/09/403,075
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 34, Application US/11038284; Publication No. US20050246793A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                            13
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ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                 Query Match 26.0%;
Best Local Similarity 41.2%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 25.7%;
Best Local Similarity 46.2%;
Matches 12; Conservative
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                                                                                                                                                      TYPE: PRT;
CRGANISM: Mus musculus
US-11-004-057-4
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US-10-467-962B-14
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                                                                                                                                     LENGTH: 1493
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                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION: MEKKI PROTEINS AND FRAGMENTS THEREOF FOR USE IN REGULATING
TITLE OF INVENTION: ADOPTOSIS
TITLE OF INVENTION: ADOPTOSIS
FILE REPRENCE: CPI-042CPPC
CURRENT APPLICATION NUMBER: US/11/004,057
CURRENT APPLICATION NUMBER: US/01/004,057
CURRENT APPLICATION NUMBER: US/09/403,075
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PALENTIN VEr. 2.0
SOFTWARE: PALENTIN VEr. 2.0
TYPE: PRT

LENGTH: 672
TYPE: PRT

LENGTH: 672
TYPE: PRT

USMOTHNISM: MUS musculus
US-11-004-057-2
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Publication No. US20050244846A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL TITLE OF INVENTION:
APPLICANT: Johnson, Gary L.
TITLE OF INVENTION: APOPTOSIS
FILE REFERENCE: CPI-042CPPC
CURRENT APPLICATION NUMBER: US/11/004,057
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US/09/403,075
PRIOR APPLICATION NUMBER: US/09/403,075
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
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Publication No. US20050244846A1
GENERAL INFORMATION:
APPLICANT: Johnson, Gary L.
TITLE OF INVENTION: APOPTOSIS
FILE REFERENCE: CFL-042CPPC
CURRENT APPLICATION NUMBER: US/11/004,057
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26.0%; Score 39; DB 7; Length 1302;
Best Local Similarity 41.2%; Pred. No. 71;
Matches 7; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 26.0%; Score 39; DB 7; Length 672; Best Local Similarity 41.2%; Pred. No. 36; Astches 7; Conservative 3; Mismatches 7; Indels
                                                                                                         Sequence 2, Application US/11004057; Publication No. US20050244846A1; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
  45 GGGLPEH 51
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LENGTH: 1302
                                                                 RESULT 7
US-11-004-057-2
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APPLICANT: DEBET, MARTINE
APPLICANT: DEBET, MARTINE
APPLICANT: GEBET, MARTINE
APPLICANT: GEBET, MARTINE
APPLICANT: GEBET, STEPHEN, ALAN
APPLICANT: SAFFORD, RICHARD
APPLICANT: SAFFORD, SAFFORD, JOHN
TITLE OF INVENTION: IMPROVEMENTS IN OR RELATING TO PLANT STARCH COMPOSITION
FILE REFERENCE: 054163-503-US
CURRENT FILING DATE: 2005-01-21
PRIOR APPLICATION NUMBER: US/10/056,454
PRIOR APPLICATION NUMBER: PCT/GB96/01075
PRIOR FILING DATE: 1996-05-03
PRIOR APPLICATION NUMBER: GB 9607409.1
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Publication No. US20050246784A1

GENERAL INFORMATION:

APPLICANT: Plesch, Gunnar

APPLICANT: Blau, Astrid

APPLICANT: Baeschner, Klaus

APPLICANT: REPERENCE: 2000 857

TITLE OF INVENTION: Identification of Herbicidally Active Substances

FILE REFERENCE: 2000 857

CURRENT APPLICATION NUMBER: US/10/467,962B

CURRENT PILING DATE: 2003-08-14

FRIOR PILING DATE: 2002-02-13

NUMBER OF SEQ ID NOS: 109

SOFTWARE: Patentin Vers. 2.0

SEQ ID NO 14

LENGTH: 452
                                                           Gaps
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Score 39; DB 7; Length 1493;
Pred. No. 81;
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; Sequence 25, Application US/11038284; Publication No. US20050246793A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.3%;
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Best Local Similarity 41.4.
Best Tocal Similarity 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapien
US-10-131-826A-316
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Publication No. US20050246784A1
| GABERAL INFORMATION:
| APPLICANT: Blau, Astrid
| APPLICANT: Clain, Mathieu
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
| TITLE OF INVENTION: Identification of Herbicidally Active Substances
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| TITLE OF INVENTION: Identification of Herbicidally Active Substances
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                                                                                                                                                                                                                                                                                                        Length 695;
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Pred. No. 44;
0; Mismatches 3;
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PRIOR FILING DATE: 1996-04-10
PRIOR APPLICATION NUMBER: GB 9509229.2
PRIOR FILING DATE: 1995-05-05
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.2
SOFTWARE: PATENTIN VERSION 3.2
LENGTH: 695
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 316, Application US/10131826A Publication No. US20050245730A1 GENERAL INFORMATION:
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ORGANISM: Arabidopsis thaliana
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Best Local Similarity 33.3%;
Matches 12; Conservative
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Filvaroff, Ellen
Gao, Wei-Qiang
Gerritsen, Mary E.
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Wood, William
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APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
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US-11-038-284-34
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Gurney, Austin L.
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Best Local Similarity
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US-10-131-826A-316
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US-10-467-962B-81
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TITLE OF INVENTION: SCRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE OF INVENTION NUMBER: US/10/131,826A

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION NUMBER: 60/05911

PRIOR PILING DATE: 1997-06-17

PRIOR PLING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/05912

PRIOR PLING DATE: 1997-09-17

PRIOR PLING DATE: 1997-09-19

PRIOR PLING DATE: 1997-09-19
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APPLICANT: COCKE, MARTINE
APPLICANT: DEBET, MARTINE
APPLICANT: JOBLING, STEPHEN, ALAN
APPLICANT: SAFFORD, RICHARD
APPLICANT: SIDEBOTTON, CHRISTOPHER, MICHAEL
APPLICANT: STORBOTTON, CHRISTOPHER, MICHAEL
APPLICANT: TREFFCOTT, ROGER, JOHN
TITLE OF INVENTION: IMPROVEMENTS IN OR RELATING TO PLANT STARCH COMPOSITION
FILE REFERENCE: 054163-5003-US
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CURRENT APPLICATION NUMBER: US/10/056,454
PRIOR APPLICATION NUMBER: US/10/056,454
PRIOR FILING DATE: 2005-01-24
PRIOR FILING DATE: 1996-05-03
PRIOR FILING DATE: 1996-05-03
PRIOR FILING DATE: 1996-04-10
PRIOR FILING DATE: 1996-04-10
PRIOR FILING DATE: 1996-04-10
PRIOR FILING DATE: 1996-04-10
PRIOR FILING DATE: 1995-05-05
PRIOR FILING DATE: 1995-05-05
PRIOR FILING DATE: 1995-04-10
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PRIOR FILING DATE: 1995-04-10
PRIOR PLING DATE: 1995-05-05
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PRIOR PLING DATE: 1995-05-05
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24.7%; Score 37; DB 1; Length 309;
Best Local Similarity 36.0%; Pred. No. 32;
Matches 9; Conservative 6; Mismatches 8; Indels
                                         Query Match 24.7%; Score 37; DB 7; Length 210; Best Local Similarity 33.3%; Pred. No. 22; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                         US-10-310-380-386

| Sequence 84, Application US/10510386
| Publication No. US20050244922A1
| GENERAL INFORMATION:
| APPLICANT: Andersen, Jens Tonne
| APPLICANT: Clausen, Ib Groth
| APPLICANT: Rasmussen, Stean Troels
| APPLICANT: Rasmussen, Michael Dolberg
| TITLE OF INVENTION: Improved Bacillus Host Cell
| FILE REFERENCE: 10294.204-105
| FILE REFERENCE: 10294.204-105
| CURRENT FILING DATE: 2004-10-04
| NUMBER OF SEQ ID NOS: 248
| SOFTWARE: PatentIn version 3.3
| SEQ ID NO 84
| LENGTH: 309
| TYPE: PRT
| TYPE: PRT
| ORGANISM: Bacillus licheniformis
                                                                                                                                                              13 WEFGG-----GVPE 21
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US-10-510-386-84
US-11-038-284-25
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Sequence 3, Appli
Sequence 12, Appli
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Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2159, A
Sequence 48020, A
Sequence 48020, A
Sequence 33, Appli
Sequence 36005, A
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Sequence 36005, A
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35420, A
233854,
4888, Ap
14, Appl
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                                                                                                                 November 22, 2005, 20:24:49; Search time 78.0992 Seconds (without alignments)
144.450 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US111_PUBCOMB.pep:*
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               GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-294-770-12

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US-10-774-602-3

US-10-774-602-12

US-10-691-672A-5

US-10-294-770-1

US-10-294-770-1

US-10-294-770-1

US-10-294-770-1

US-10-294-770-1

US-10-691-672A-3

US-10-691-672A-3

US-10-691-672A-3

US-10-282-122A-48020

US-10-282-122A-48020

US-10-282-122A-48020

US-10-282-122A-48020

US-10-282-122A-48020

US-10-282-122A-48020

US-10-369-493-691

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Maximum Match 100%
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                                                                                   OM protein - protein search, using sw model
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seq length: 200000000
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Maximum DB
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                                                                                                                     Run on:
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No.
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Sequence 3, Application US/10294770

Sequence 3, Application US/10294770

Publication No. US20030161840a1

GENERAL INFORMATION:
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

TITLE OF INVENTION: 230759USCIP

CURRENT FILING DATE: 2002-11-15

PRIOR APPLICATION NUMBER: US/10/294,770

CURRENT FILING DATE: 1999-07-19

PRIOR APPLICATION NUMBER: US 08/416,711

PRIOR PELING DATE: 1995-08-08

PRIOR FILING DATE: 1995-08-08

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 3

LENGTH: 27
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US-10-294-770-12

US-10-294-770-12

Selection No. US20030161840A1

Scholation No. US20030161840A1

GENERAL INFORMATION:

APPLICATION NO. US20030161840A1

TITLE OF INVENTION: PIERRE

TITLE OF INVENTION: PIERRE

CURRENT APPLICATION NUMBER: US/10/294,770

CURRENT FILING DATE: 2002-11-15

PRIOR APPLICATION NUMBER: US 09/356,947

PRIOR FILING DATE: 1999-07-19

PRIOR PILING DATE: 1995-08-08

PRIOR PILING DATE: 1995-08-08

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14
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                                                          Sequence 103, App
Sequence 35, Appl
Sequence 51, Appl
Sequence 65399, A
Sequence 30, Appl
Sequence 360, Appl
Sequence 5537, Ap
Sequence 36, Appl
Sequence 38, Appl
Sequence 40, Appl
Sequence 40, Appl
Sequence 44, Appl
Sequence 42, Appl
Sequence 42, Appl
                                                                                                                              Sequence 65399
Sequence 30, A
Sequence 36, Sequence 5536,
Sequence 5537,
Sequence 33, A
Sequence 38, A
Sequence 40, A
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US-10-282-122A-65399
US-10-282-122A-66049
US-10-988-943-30
US-10-369-493-5536
US-10-369-493-5536
US-10-369-493-5537
US-09-888-721-36
US-09-888-721-40
US-09-888-721-40
US-09-888-721-40
US-09-888-721-40
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100.0%; Score 150; DB 4;
Best Local Similarity 100.0%; Pred. No. 1.9e-14;
Matches 27; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-294-770-3
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Pred. No. 1.9e-14;

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Best Local Similarity
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TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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                                                                                                                                                                                             Length 27;
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COMPUTER: LAW FC COMBALIDLE
SOFTWARE: PATENTIN SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURSENT APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-Nov-2002
CLASSIFICATION SYMBER: US/09/356,497
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: PR 92/12488
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
                                                                                                                                                                                             DB 4;
                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                           Query Match
100.0%; Score 150;
Best Local Similarity 100.0%; Pred. No. 1
Matches 27; Conservative 0; Mismatche
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APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                          1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                                                                                                                                                                                                                  1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                      FEATURE:

COTHER INFORMATION: Synthetic Peptide
US-10-294-770-12
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10238741
Publication No. US20040096466A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 703-413-2220 INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 27
                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: ARLINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                        RESULT 3
US-10-238-741-3
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DB 4; Length 27;

100.0%; Score 150;

Query Match

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Sequence 3, Application US/1074602;
Publication No. US20040141987A1
GENERAL INPORMATION:
GENERAL INPORMATION:
GENERAL INPOLITIE, PIERRE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
; TITLE OF INVENTION: UNMBER: US 10/174,602
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: US 09/356,947
; PRIOR APPLICATION NUMBER: US 08/416,711
; PRIOR FILING DATE: 1995-00-19
; PRIOR FILING DATE: 1995-08-08
; PRIOR FILING DATE: 1995-08-08
; PRIOR FILING DATE: 1995-08-08
; PRIOR FILING DATE: 1995-10-18
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Version 3.1
; FEACH IN 0.3
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Publication No. US20040141987A1

GENERAL INFORMATION: US20040141987A1

GENERAL INFORMATION: PIEARE

TILE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REFERENCE: 248791USODIV

CURRENT APPLICATION NUMBER: US 09/356,947

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-11

PRIOR FILING DATE: 1993-08-11

PRIOR FILING DATE: 1993-08-11

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PALENTIN NUMBER: US 08/416,711

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 12

LENGTH: 27
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Pred. No. 1.9e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 150; DB 4;
100.0%; Pred. No. 1.9e-14;
iive 0; Mismatches 0;
                          Mismatches
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Similarity 100.0%; P. 27; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-774-602-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 27; Conservative
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Matches

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Sequence 1, Application US/10774602
Publication No. US20040141987A1
GENERAL INFORMATION
GENERAL INFORMATION
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILE REFERENCE: 248791USODIV
CURRENT APPLICATION NUMBER: US/10/774,602
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US 09/356,947
                                                                                                                 BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
P.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                      STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 150; DB 4;
Best Local Similarity 100.0%; Pred. No. 4.8e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-Nov-2002
CLASSIFICATION NUMBER: US/09/356,497
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 18-CT-1993
APPLICATION NUMBER: PCT/PR93/01024
FILING DATE: 18-CT-1993
APPLICATION NUMBER: PR 92/12488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-238-741-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                  Sequence 1, Application US/10238741 Publication No. US20040086466A1 GENERAL INFORMATION: APPLICANT: DRUILHE, PIERRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 9
US-10-774-602-1
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Sequence 1, Application US/10294770

Fublication No. US20030161840A1

GENERAL INPORMATION:

APPLICANT: DRUILHS, PIERE

TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REFRENCE: 230759USGCIP

CURRENT PAPLICATION NUMBER: US/10/294,770

CURRENT FILING DATE: 2002-11-15

PRIOR APPLICATION NUMBER: US 09/356,947

PRIOR APPLICATION NUMBER: US 08/416,711

PRIOR PELING DATE: 1995-07-19

PRIOR FILING DATE: 1993-10-18

PRIOR FILING DATE: 1993-10-18

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 1

TEMPORAL SEQ ID NOS: 14

SES ID NO 1
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                                                                                                                                                                                                                                                                                       APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: GLURP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND
TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT
FILE REPERENCE: 02356.0085
CURRENT FILING DATE: 2003-10-24
CURRENT FILING DATE: 2003-10-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver: 3.3
SEQ ID NO 5
LENGTH: 27
TYPE: PRT
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Gaps
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Best Local Similarity 100.0%; Pred. No. 1.9e-14;
Matches 27; Conservative 0; Mismatches 0; Indels
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Indels
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0
0; Mismatches
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larity 100.0%; Pred. No. 4
Conservative 0; Mismatche
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                                                 1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
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                                                                             1 AKEASSYDYILGWEFGGGVPEHKKEEN
                                                                                                                                                                                                                 Sequence 5, Application US/10691672A; Publication No. US20050112133A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Plasmodium falciparum
27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CTHER INFORMATION: MSP3b
US-10-691-672A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 27; Conserv
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US-10-691-672A-5
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RESULT

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US-10-282-122A-51159
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APPLICANT:
APPLICANT:
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              FEATURE:
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Sequence 3, Application US/10691672A

Publication No. US20050112133A1

GENERAL INFORMATION:

APPLICANT: DRUILHE, PIERRE

TITLE OF INVENTION: GLUPP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND

TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT

FILE REFERENCE: 02356.0085

CURRENT APPLICATION NUMBER: US/10/691,672A

CURRENT APPLICATION NUMBER: US/10/691,672A

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 3.3

SEQ ID NO 3

LENGTH: 647

TYPE: PRT

ORGANISM: Artificial Sequence
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Fublication No. US20050112133A1;
GENERAL INFORMATION:
APPLICANT: DRUILHE PIERRE
1 TITLE OF INVENTION: GLURP-MEP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT FILE REFERENCE: 02356.0085;
CURRENT APPLICATION NUMBER: US/10/691,672A;
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 3.3
SEQ ID NO 7
LENGTH: 188
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100.0%; Score 150; DB 5; Length 188;
Best Local Similarity 100.0%; Pred. No. 1.5e-13;
Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 150; DB 4; Length 64; Best Local Similarity 100.0%; Pred. No. 4.8e-14; Matches 27; Conservative 0; Mismatches 0; Indels
PRIOR FILING DATE: 1999-07-19
PRIOR APPLICATION NUMBER: US 10/238,741
PRIOR FILING DATE: 2002-09-11
PRIOR FILING DATE: 100-11
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; LCCATION: (1)...(188)
; OTHER INFORMATION: MSF3a to MSF3f
US-10-691-672A-7
                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-774-602-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Plasmodium falciparum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 11
US-10-691-672A-3
                                                                                                                                                                                                                                        LENGIH: 64
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APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                 Gaps
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic CTHER INFORMATION: Peptide
FRATURE:
NAME/KEX: SITE
LOCATION: (1)..(647)
OTHER INFORMATION: GLURP MSP3 fusion protein
US-10-691-672A-3
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0
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0
                                                                                                                                               Length 647;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 169;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match 97.3%; Score 146; DB 5; Length 16
Best Local Similarity 100.0%; Pred. No. 5.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                             Indels
                                                                                                                                         Query Match 100.0%; Score 150; DB 5; Best Local Similarity 100.0%; Pred. No. 5.6e-13; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                    478 AKEASSYDYILGWEFGGGVPEHKKEEN 504
                                                                                                                                                                                                                1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KEASSYDYILGWEFGGGVPEHKKEEN 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 51159, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ohlsen, Kari
Syskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Porsyth, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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7

Gaps

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APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PPLICATION NUMBER: 60/206,848
PRIOR PILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/206,335
PRIOR PLING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PLING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/250,636
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 60/260,308
PRIOR PLING DATE: 2001-02-16
PLING DATE: 2001-02-16
PLING DATE: 2001-02-16
PRIOR PLING DATE: 2001-02-16
PLING DATE: 2001-02-16
PLING DATE: 2001-02-16
PRIOR PLING DAT
        PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 49798
LENGTH: 599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5
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Pred. No. 12;
4; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                               ) ORGANISM: Burkholderia fungorum
US-10-282-122A-49798
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US-10-282-122A-48020
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Best Local Similarity 54.2%;
Matches 13; Conservative
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
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;
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR PELICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-10-09
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2000-12-22
PRIOR PILING DATE: 2001-02-29
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-06
PRIOR PILING DATE: 2001-02-16
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-20-20
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Pred. No. 12;
4; Mismatches 5; Indels
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PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR PELICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR FILING DATE: 2000-05-26
PRIOR PELICATION NUMBER: 60/230, 335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230, 347
PRIOR APPLICATION NUMBER: 60/240, 578
PRIOR APPLICATION NUMBER: 60/245, 578
PRIOR PILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-110-23
PRIOR FILING DATE: 2000-110-23
PRIOR FILING DATE: 2000-110-23
PRIOR FILING DATE: 2000-112-27
PRIOR FILING DATE: 2000-112-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Bordetella pertussis
US-10-282-122A-51159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 38.7%;
Best Local Similarity 54.2%;
Matches 13; Conservative ·
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Zyskind, Judith
Wall, Daniel
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US-10-282-122A-49798
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LENGTH: 596
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Gaps 2; 5; Indels Best Local Similarity 54.2%; Fred. No. 12; Matches 13; Conservative 4; Mismatches

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4 ASSYDYIL-GWEFGGG-VPEHKKE 25 | :|| :| || || || || ::| 480 AKAYDMVLNGWEIGGGSVRIHREE 503

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Search completed: November 22, 2005, 20:54:00 Job time : 79.0992 secs

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GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
APPLICANT: BOUHARON-TAYOUN, HASNAQ
APPLICANT: BOUHARON-TAYOUN, HASNAQ
APPLICANT: BOUHARON-TAYOUN, BARACIPARUM ANTIGENS INDUCING
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
TITLE OF INVENTION: PROTECTIVE ANTIBODIES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

REDIUM TYPE: 1220
COMPUTER READABLE FORM:
REDIUM TYPE: 1BW PC compatible
COMPUTER: 1BW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Petentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AuG-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 19-CCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PR 92/12488
FILING DATE: 19-CCT-1993
ATTORNEY/AGENT INFORMATION:
NUMBE: OBLON, NORMAN F.
REFERENCE COMPONICATION NUMBER: 24,618
REFERENCE COMPONICATION NUMBER: 24,618
REFERENCE COMPONICATION NUMBER: 24,618
REFERENCE COMPONICATION NUMBER: 24,618
REFERENCE CARACTERISTICS:
TELECOMMUNICATION NUMBER: 24,618
REFERENCE CARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEGUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-416-711-3; Sequence 3, Application US/08416711; Patent No. 6017538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: VA
COUNTRY: USA
ZIP: 22202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-416-711-3
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Sequence 3, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 32073,
Sequence 35, Appl
Sequence 38, Appl
Sequence 53, Appl
Sequence 2343, A
Sequence 120, Appl
Sequence 120, Appl
Sequence 3328, Ap
Sequence 3328, Ap
Sequence 6335, Ap
Sequence 635, Appl
Sequence 635, Appl
Sequence 635, Appl
Sequence 16, Appli
Sequence 18, Appli
Sequence 18, Appli
Sequence 18, Appli
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Sequence 9, Appli
Sequence 16, Appl
                                                                                                                              2005, 20:20:23; Search time 16.9587 Seconds (without alignments) 131.628 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
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. /cgn2_6/ptodata/1/iaa/5_COMB.pep:*

. /cgn2_6/ptodata/1/iaa/6_COMB.pep:*

. /cgn2_6/ptodata/1/iaa/F_COMB.pep:*

. /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*

. /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*

. /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-356-497-3

US-10-238-741-3

US-08-416-711-1

US-09-356-497-1

US-10-238-741-1

US-09-292-225-35

US-09-292-225-35

US-09-292-225-35

US-09-386-642-53

US-09-386-642-53

US-09-386-642-12

US-09-386-642-12

US-09-386-642-12

US-09-386-643-19016

US-09-110-279-3328

US-09-110-279-3328

US-09-110-64A-9

US-09-553-867A-16

US-09-553-867A-18
                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                       1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                                                                                                                                                                                                                                                                                                                          572060 segs, 82675679 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                            US-10-774-602-12
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Match Length
                                                                                                                                   November 22,
                                                                                                                                                                                                                                                      Perfect score:
                                                                                                                                                                                                                                                                                                                       Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score
                                                                                                                                                                                                                                                                            Seguence:
                                                                                                                                                                                                                                                                                                                                                                                          Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
                                                                                                                                        Run on:
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Sequence 217, App
Sequence 10920, A
Sequence 45524, A
Sequence 2, Appli
Sequence 60833, A
Sequence 60833, A
Sequence 156, Appli
Sequence 67, Appli
                                                                                                             Sequence 4,
Sequence 4,
Sequence 1
Sequence 2
Sequence 2
     US-09-771-161A-215
US-09-771-161A-216
US-09-771-161A-217
US-09-949-016-10920
US-09-270-767-45524
US-09-252-991A-21398
US-08-770-544-2
US-09-579-259-2
US-09-579-259-2
US-09-579-258-2
US-10-039-112A-2
US-09-278-757-60333
US-09-771-161A-126
US-09-771-161A-126
US-09-771-161A-126
US-09-771-161A-126
US-09-606-6599-67
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ADDRESSEE:
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                                                   Gaps
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CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                           OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
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    Length 27;
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                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/416,711

APPLICATION NUMBER: US/08/416,711

APPLICATION NUMBER: CT/FR93/01024

FILING DATE: 18-OCT-1993

APPLICATION NUMBER: F92/12488

FILING DATE: 19-OCT-1992

ATORNEY/AGENT INFORMATION:

NAME: OBLON, NORWAN F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 660-085-0 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 150; DB 2; Best Local Similarity 100.0%; Pred. No. 4.7e-16; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
ch 100.0%; Score 150; D 1 Similarity 100.0%; Pred. No. 4.7 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                             Sequence 3, Application US/09356497
Patent No. 6472519
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-356-497-3
                                                                                                                    1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                          1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
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TELEPHONE: 703-413-3000
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US-10-238-741-3
; Sequence 3, Application US/10238741
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 amino acids
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Query Match
Best Local Similarity
                                            Matches
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                                      OEUVENY, CLAUDE
OEUVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: DRUILHE, PIERRE
APPLICANT: DSUFARCOUN-TAYOUN, HASNAQ
APPLICANT: DSUFARCOUN-TAYOUN, HASNAQ
APPLICANT: DSUFARCOUN-TAYOUN, HASNAQ
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
TITLE OF INVENTION: PROTECTIVE ANTIBODIES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 27;
                                                                                                                                                                                                                                                                                                                                                             CORPUTER TEADMOND GISK
COMPUTER: TOOPY disk
COMPUTER: TOOPY disk
COMPUTER: TOOPY DISK
COMPUTER: TOOP PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-No. 6949627-2002
CLASSIFTCATION: cUnknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 10-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                   STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 150; DB 2;
100.0%; Pred. No. 4.7e-16;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
TOPOLOGY: linear
;
MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-238-741-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AKEASSYDYILGWEFGGGVPEHKKEEN 27
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TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                            ZIP: 22202
COMPUTER READABLE FORM:
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Matches 27; Conservative
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PRIOR APPLICATION SOLUTIONS (APPLICATION NUMBER: US/09/356,497 FILING DATE: 19-Jul-1999 APPLICATION NUMBER: US/08/416,711 FILING DATE: 08-AUG-1995 APPLICATION NUMBER: PCT/PR93/01024 FILING DATE: 18-OCT-1993 APPLICATION NUMBER: FR 92/12488 FILING DATE: 19-OCT-1992 ATTORNEY/AGENT INFORMATION: NAME: OBLON, NORMAN F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-NO. 6949627-2002
CLASSIFICATION: <UNKNOWNP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 AKEASSYDYILGWEFGGGVPEHKKEEN 44
       <Unknown>
                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0%;
Matches 27; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 10
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Patent No. 6472519

GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM PALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 64;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 19-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECONMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%; Pred. No. 1.2e-15;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18 AKEASSYDYILGWEFGGGVPEHKKEEN 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                        COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
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US-09-356-497-1
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Gaps
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Sequence 1, Application US/10238741
Sequence 1, Application US/10238741
Patent No. 6948627
GENERAL INFORMATION:
BOUHAROUN-TRYON, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENČE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
P.C.
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PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
APPLICATION NUMBER: PCT/FR93/01024
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: FF 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORWAN F.
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA
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; Pred. No. 1.2e-15;
0; Mismatches 0;
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Sequence 38, Application US/0929225
Sequence 38, Application US/0929225
Patent No. 6455686
GENERAL INFORMATION:
APPLICANT: McCall, Catherine A.
APPLICANT: McCall, Catherine A.
APPLICANT: Weber, Bric R.
TITLE OF INVENTION: NOVEL DERMATOPHAGOIDES NUCLEIC ACID MOLECULES, PROTEINS
TITLE OF INVENTION: AND USES THEREOF
FILE REPERENCE: AL-2-C3
CURRENT FILING DATE: 1999-04-15
EARLIER APPLICATION NUMBER: 60/098,909
EARLIER FILING DATE: 1998-09-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: MCCall, Catherine A.
APPLICANT: Horder, Shirley Wu
APPLICANT: Weber, Eric R.
APPLICANT: Weber, Eric R.
TITLE OF INVENTION: NOVEL DERMATOPHAGOIDES NUCLEIC ACID MOLECULES, PROTEINS
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: AL-2-C3
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                                                                                                                                                                                                                                                                                                    Query Match 32.7%; Score 49; DB 2; Length 490; Best Local Similarity 43.5%; Pred. No. 32; Matches 10; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/292,225
CURRENT FILING DATE: 1999-04-15
EARLIER APPLICATION NUMBER: 60/098,909
EARLIER FILING DATE: 1998-09-02
EARLIER FILING DATE: 1908-05-13
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1998-04-17
EARLIER APPLICATION NUMBER: 60/098,565
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PATENTIN VET: 2.0
SOFTWARE: PATENTIN VET: 2.0
SOFTWARE: 509
  EARLIER FILING DATE: 1998-04-17
BARLIER APPLICATION NUMBER: 09/062,013
EARLIER FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 41
LENGTH: 490
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        206 TYDYHGGWENVFGHNAPLYKRPD 228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         225 TYDYHGGWENVFGHNAPLYKRPD 247
                                                                                                                                                                                                                                                                                                                                                                                                                     6 SYDYILGWE--FGGGVPEHKKEE 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 SYDYILGWE--FGGGVPEHKKEE 26
                                                                                                                                                                                                TYPE: PRT ORGANISM: Dermatophagoides farinae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ), ORGANISM: Dermatophagoides farinae US-09-292-225-35
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; Sequence 35, Application US/09292225
; Patent No. 6455686
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Petent No. 651795

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: ABSUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
FRIOR FILING DATE: 1999-02-18
FRIOR FILING DATE: 1998-07-27
FRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

LENGTH: 597
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US-09-292-225-41

| Sequence 41, Application US/0929225 |
| Patent No. 6455686 |
| GENERAL INFORMATION: |
| APPLICANT: McCall, Catherine A. |
| APPLICANT: McCall, Catherine A. |
| APPLICANT: Weber, Eric R. |
| TITLE OF INVENTION: NOVEL DERMATOPHAGOIDES NUCLEIC ACID MOLECULES, PROTEINS |
| TITLE OF INVENTION: AND USES THEREOF |
| FILE REFERENCE: AL-2-C3 |
| CURRENT FILING DATE: 1999-04-15 |
| EARLIER APPLICATION NUMBER: 60/099, 909 |
| EARLIER APPLICATION NUMBER: 60/095, 295 |
| FARLIER APPLICATION NUMBER: 60/085, 295 |
| EARLIER FILING DATE: 1998-05-13 |
| EARLIER APPLICATION NUMBER: 60/098, 565 |
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                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 150; DB 2; Length 64; 100.0%; Pred. No. 1.2e-15; ive 0; Mismatches 0; Indels
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                            REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEPHONE: 703-413-220
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ch 33.7%; Score 50.5; I Similarity 44.0%; Pred. No. 23; 11; Conservative 5; Mismatches
                                                                                                                                                                                                                                              STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKEASSYDYILGWEFGGGVPEHKKEEN 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18 AKEASSYDYILGWEFGGGVPEHKKEEN 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 KEASSYDYILGW-EFGGGVPEHKKE 25
REGISTRATION NUMBER: 24,618
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.0
Matches 27; Conservative
                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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US-09-252-991A-32073
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Gaps

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; OTHER INFORMATION: Description of Artificial Sequence: Fusion gene; OTHER INFORMATION: with homo sapien serine protease catalytic domain US-09-386-642-12
                                                                                                                                     Query Match
Best Local Similarity
Matches 8; Conserv
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OTHER INFORMATION: Description of Artificial Sequence: Fusion gene of
OTHER INFORMATION: human procease F in CFEK2 zymogen vector
US-09-386-642-53
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32.0%; Score 48; DB 2; Length 306;
Best Local Similarity 44.4%; Pred. No. 27;
Matches 8; Conservative 6; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Darrow, Andrew
APPLICANT: Ol. Jenson
APPLICANT: Ol. Jenson
APPLICANT: Andrade-Gordon, Patricia
TITLE OF INVENTION: Zymogen Activation System
FILE REFERENCE: ORT-1028
CURRENT APPLICATION NUMBER: US/09/386,642
CURRENT FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 60
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 53
LENGTH: 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 12, Application US/09386642
Fatent No. 6420157
GENERAL INFORMATION:
APPLICANT: Darrow, Andrew
APPLICANT: Qi, Jenson
APPLICANT: Andrade-Gordon, Patricia
APPLICANT: Andrade-Gordon, Patricia
APPLICANT: Andrade-Gordon, Patricia
ATTLE OF INVENTION: Zymogen Activation System
FILE REFERENCE: ORT-1028
CURRENT APPLICATION NUMBER: US/09/386,642
CURRENT APPLICATION NUMBER: US/09/386,642
CURRENT PILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 60
SOPTWARE: PATENTIN Ver. 2.0
SEQ ID NO 12
LENGTH: 319
TYPE: RRT
ORGANISM: Artificial Sequence
EARLIER APPLICATION NUMBER: 60/085,295
EARLIER FILING DATE: 1998-05-13
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1998-04-17
SOFTWARE: PATENTING OFFE: 1998-04-17
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 38
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US-09-186-642-53
; Sequence 53, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                        ORGANISM: Dermatophagoides farinae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 LLGTTFGCGVPDYKDDDD 29
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US-09-386-642-12
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RESULT 13

US-09-222-991A-22343

US-09-222-991A-22343, Application US/09252991A

Sequence 22343, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 560
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Patent No. 6551795
GENERAL INFORMATION:
PAPLICANT: MARC J. RUBenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 19016
LENGTH: 671
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        32.0%; Score 48; DB 2; Length 671; 70.0%; Pred. No. 64; ive 2; Mismatches 1; Indels
  Score 48; DB 2; Length 319;
Pred. No. 28;
                                                 4; Indels
                                                 6; Mismatches
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-22343
                                                                                                                           12 LLGTTFGCGVPDYKDDDD 29
                                                                                                10 ILGWEFGGGVPEHKKEEN 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19
h 32.0%;
Similarity 44.4%;
B; Conservative
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Best Local Similarity 70.vv
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212 LLGWSFGGGL 221

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RESULT 15
US-09-710-279-3328
is Sequence 3128, Application US/09710279
j Sequence 3128, Application US/09710279
j Patent No. 6703492
j GENERAL INFORMATION:
j APPLICANT: KIMMERLY, WILLIAM JOHN
j TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
j FILE REFERENCE: PU3480US
j CURRENT APPLICATION NUMBER: US/09/710,279
j CURRENT FILING DATE: 1999-11-09
j PRIOR FILING DATE: 1999-11-09
j NUMBER OF SEQ ID NOS: 4472
j SEQ ID NO 3328
j LENGTH: 588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
COGANISM: Artificial Sequence
GRGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
COTHER INFORMATION: amino acid sequence
US-09-710-279-3328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Indels 1;
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31.7%; Score 47.5; DB 2; Length 588;
Best Local Similarity 52.9%; Pred. No. 66;
Matches 9; Conservative 5; Mismatches 2; Indels
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Search completed: November 22, 2005, 20:26:18 Job time : 17.9587 secs

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Sequence Sequence Sequence

Sequence Sequence Sequence

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Query Match
Best Local Similarity 34.8%;
Matches 8; Conservative
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Sequence 39, Appl
Sequence 2, Appli
Sequence 364, App
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20, Appl
22, Appl
24, Appl
320, Appl
320, Appl
12, Appl
218, Appl
218, Appl
218, Appl
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12, Appl
10, Appl
6, Appli
2, Appli
22, Appli
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                                                                 November 22, 2005, 20:24:59 ; Search time 1.65289 Seconds (without alignments) 17.088 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 20, Sequence 22, Sequence 22, Sequence 4, Assequence 320, Sequence 320, Sequence 68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1
Sequence 1
Sequence 1
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Sequence
Sequence
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1: /cgn2_6/ptodata/1/pubpaa/US10 NEW PUB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US17_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-016-706-39

US-11-016-706-39

US-11-074-176-36

US-11-021-441-20

US-11-021-441-26

US-11-021-441-26

US-11-021-441-24

US-11-031-12

US-10-510-386-21

US-10-510-386-22

US-10-957-569-12

US-10-910-643-6

US-10-386-22

US-10-310-386-32

US-10-510-386-32

US-10-510-386-32

US-10-510-386-32

US-10-510-386-32

US-10-510-386-32

US-10-510-386-32

US-11-022-562-20

US-11-022-562-20
                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                     124
1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                              8323 segs, 1129788 residues
                                                 - protein search, using sw model
                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                        Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                           US-10-774-602-11
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Match Length
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Sequence 39, Application US/11016706
Publication No. US20050244334A1
GENERAL INFORMATION:
APPLICANT: CASTILLO, GERARDO
APPLICANT: LAKE, THOMAS P.
APPLICANT: SANDERS, VIRGINIA J.
APPLICANT: SNOW, ALAN D.
TITLE OF INVENTION: SNALL PEPTIDES FOR THE TREATMENT OF ALZHEIMER'S DISEASE AND TITLE OF INVENTION: OTHER BETA-AMYLOID PROTEIN FIBRILLOGENESIS DISORDERS
FILE REFERENCE: PROTEO. PO3C13
CURRENT APPLICATION NUMBER: US/11/016,706
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1170, App
112, App
112, App
118, App
118, App
28, App
318, App
22, App
22, App
25, App
25, App
26, App
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GAREAL INCAMAILON;
GAREAL INCAMAILON;
APPLICANT: Klaenhammer, Todd R.
APPLICANT: Russell, William M.
APPLICANT: Reseall, William M.
APPLICANT: Actermann, Eric
APPLICANT: McAuliffe, Olivia
APPLICANT: Peril, Andrea Accarate
TITLE OF INVENTION: Nucleic Acid Sequences Encoding
TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore
FILE REPERENCE: 5051-694
CURRENT FILING DATE: 2005-03-07
PRIOR PILING DATE: 2004-03-08
NUMBER OF SEQ ID NOS: 381
SOFTWARE: PRAESEQ for Windows Version 4.0
SEQ ID NO 36
LENGTH: 322
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Sequence
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                              US-10-510-386-10
US-11-074-176-306
US-10-15-18-599-22
US-10-510-386-28
US-11-082-389-338
US-11-074-176-228
US-11-074-176-228
US-11-074-176-228
US-11-0384-376-6
                                                                                                                                                                                                                                                                    US-10-510-386-62
US-10-131-826A-528
US-11-074-176-266
                                                                                                                                                                                                                                                    US-10-131-826A-260
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Pred. No. 1.2;
7; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Lactobacillus acidophilus
US-11-074-176-36
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-11-074-176-36; Sequence 36, Application US/11074176; Sequence 36, Application US/11074176; GENERAL INFORMATION:
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RESULT 5
US-11-021-441-18
i Sequence 18, Application US/11021441
j Publication No. US20050249748A1
j GENERAL INFORMATION;
j APPLICANT: DUBENSKY, Thomas W., Jr.
j APPLICANT: DURENSKY, Thomas W., Jr.
j APPLICANT: DUCKETY, William S., Jr.
j APPLICANT: COCK, David N.
j TITLE OF INVENTION: EXCEMBINANT NUCLEIC ACID MOLECULES,
TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE
TITLE OF INVENTION: THEREOF
FILE REPERRENCE: 2817200390
CURRENT APPLICATION NUMBER: US 60/616,750
PRIOR APPLICATION NUMBER: US 60/616,750
PRIOR APPLICATION NUMBER: US 60/616,750
PRIOR FILING DATE: 2004-10-01
PRIOR PRILING DATE: 2004-00-01
PRIOR PRILING DATE: 2004-00-01
PRIOR PRILING DATE: 2004-00-01
PRIOR PRILING DATE: 2004-00-02
PRIOR PRILING DATE: 2004-06-30
PRIOR PRILING DATE: 2004-06-30
PRIOR PILING DATE: 2004-06-30
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Publication No. US20050249748A1

GENERAL INFORMATION:
APPLICANT: DUTENTY, Thomas W., Jr.
APPLICANT: DUTENTY, William S., Jr.
APPLICANT: LUCKETT, William S., Jr.
APPLICANT: COOK, David N.
TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE TITLE OF INVENTION: THEREOF TITLE OF INVENTION: THEREOF TITLE OF INVENTION: THEREOF TITLE OF INVENTION: US THEREOF TITLE OF INVENTION: US THEREOF TITLE OF INVENTION: US THEREOF TITLE OF INVENTION: THEREOF TITLE OF INVENTION: US THEREOF THE US TH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 36; DB 7; Length 456;
Pred. No. 32;
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25 ETARNFFNRANYREIRTPSFENYE 48
                                                                                                                                                                                                                                                                                                                                                                      2 EKAKNAYQKANQAVLKAKEASSYD 25
        ; LENGTH: 428
; TYPE: PRT
; ORGANISM: Lactobacillus acidophilus
US-11-074-176-364
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58.3%;
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Best Local Similarity 58.3
Matches 7; Conservative
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72 HTYEDPNQAVLK 83
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ORGANISM: Homo sapiens
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Sequence 2, Application WJ/10501039
Sequence 2, Application No. US20050244822A1
GENERAL INFORMATION:
GENERAL INFORMATION:
Kokubo, Masahiro Shirakawa, and Jeremy Robin Howard Tame
APPLICANT: Tetesuro Kokubo, Masahiro Shirakawa, and Jeremy Robin Howard Tame
TILLE REPERENCE: 4439-4023
CURRENT PILING DATE: 2004-07-08
PRIOR FILING DATE: 2002-01-09
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 828
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Bublication No. US200502501351

GENERAL INFORMATION:

APPLICANT: Rlaenhammer, Todd R.

APPLICANT: Altermann, Eric

APPLICANT: Altermann, Eric

APPLICANT: Peril, Andrea Azcarate

TITLE OF INVENTION: Nucleic Acid Sequences Encoding

TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore

FILE REFERENCE: 5051-694

CURRENT APPLICATION NUMBER: US/11/074,176

CURRENT FILING DATE: 2004-03-08

PRIOR APPLICATION NUMBER: 60551,161

PRIOR FILING DATE: 2004-03-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 7;
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Pred. No. 12
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 YEKAKNAYO-KANQAVLKAKEASSYD 25
CURRENT FILING DATE: 2004-12-16
PRIOR PEDATION NUMBER: 09/962,955
PRIOR PILING DATE: 2001-09-24
PRIOR PILING DATE: 2001-09-28
PRIOR FILING DATE: 2001-08-22
PRIOR FILING DATE: 1907-10-08
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PATCHING VET. 3.2
SEQ ID NO 39
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556 KQAYEEEKKKLLKQKE 571
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Best/Local Similarity 38.55
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 43.8 Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-11-016-706-39
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ORGANISM: Artificial Sequence
                          : |: ||||||
96 HTYEDPNQAVLK 107
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WESULT 7

Sequence 26, Application US/11021441

Sequence 26, Application US/11021441

Publication No. US20050249748A1

GENERAL INFORMATION:

APPLICANT: DUERNSKY, Thomas W., Jr.

APPLICANT: DUERNSKY, Thomas W., Jr.

APPLICANT: DOFINOY, Daniel A.

TITLE OF INVENTION: EXCOMENDANT NUCLEIS, AND BACTERIA, AND METHODS OF USE

TITLE OF INVENTION: THEREOF

THE REPERENCE: 2017-203900

CURRENT FILING DATE: 2004-10-01

PRIOR PILING DATE: 2004-10-01

PRIOR PILING DATE: 2004-00-01

PRIOR PILING DATE: 2004-00-01

PRIOR PILING DATE: 2004-00-01

PRIOR PILING DATE: 2004-00-01

PRIOR PILING DATE: 2004-00-03

PRIOR PILING DATE: 2004-00-03-26

PRIOR PILING DATE: 2004-00-03-26

NUMBER OF SEQ ID NOS: 129

LENGTHER DATE: 2004-00-03-26

LENGTHER DATE: 200
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Pred. No. 34;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 36; DB 7; Length 490;
Pred. No. 35;
2; Mismatches 3; Indels
PRIOR APPLICATION NUMBER: US 60/616,750
PRIOR FILING DATE: 2004-10-06
PRIOR PILING DATE: 2004-10-06
PRIOR PILING DATE: 2004-10-01
PRIOR PILING DATE: 2004-0-01
PRIOR APPLICATION NUMBER: US 60/599,377
PRIOR APPLICATION NUMBER: US 60/599,377
PRIOR APPLICATION NUMBER: PCT/US2004/23881
PRIOR APPLICATION NUMBER: US 10/883,599
PRIOR PILING DATE: 2004-06-30
PRIOR PILING DATE: 2004-06-30
PRIOR PILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-03-66
SEQ ID NOS: 129
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Fusion protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29.0%;
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Best Local Similarity 58.3%;
Matches 7; Conservative
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Best Local Similarity 58.3
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 NAYOKANQAVLK 17
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yequence 68, Application US/11074176
yebblication No. US20050250135A1
GENERAL INFORMATION:
APPLICANT: Klaenhammer, Todd R.
APPLICANT: Russell, William M.
APPLICANT: Altermann, Eric
APPLICANT: Altermann, Eric
APPLICANT: Actualiffe, Olivia
APPLICANT: Actualiffe, Olivia
APPLICANT: Altermann, Eric
APPLICANT: Actualiffe, Olivia
APPLICANT: Actualiffe, Olivia
APPLICANT: Berll, Andrea Accarate
TITLE OF INVENTION: Nucleic Acid Sequences Encoding
TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore
FILE REFERENCE: 5051-694
CURRENT APPLICATION NUMBER: US/11/074,176
CURRENT FILING DATE: 2005-03-07
PRIOR PILING DATE: 2004-03-08
NUMBER OF SEQ ID NOS: 381
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 68
LENGTH: 570
                                                                                  APPLICANT: Alterman, Eric APPLICANT: Alterman, Eric APPLICANT: Acauliffe, Olivia APPLICANT: McAuliffe, Olivia APPLICANT: Peril, Andea Azcarate TITLE OF INVENTION: Nuclei Acid Sequences Encoding TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore FILE REFERENCE: 5051-694
; CURRENT APPLICATION NUMBER: US/11/074,176
; CURRENT FILING DATE: 2005-03-07
; PRIOR APPLICATION NUMBER: 60/551,161
; PRIOR APPLICATION UNBER: 60/551,161
; ROWERS OF SEQ ID NOS: 381
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 h 28.2%; Score 35; DB 7; Length 554; Similarity 42.1%; Pred. No. 59; 8; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 28.2%; Score 35; DB 7; Length 570; Best Local Similarity 42.1%; Pred. No. 61; Matches 8; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Lactobacillus acidophilus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Lactobacillus acidophilus
US-11-074-176-68
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; Sequence 12, Application US/10982545
; Publication No. US20050244890A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   382 EAKNAFKALTKKGLSDKEA 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       398 EAKNAFKALTKKGLSDKEA 416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 KAKNAYQKANQAVLKAKEA 21
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APPLICANT: McGulire, James
APPLICANT: Simonsen, Anja Hviid
APPLICANT: Blennow, Kaj
                                   APPLICANT: Klaenhammer, Todd R. APPLICANT: Russell, William M. APPLICANT: Altermann, Eric
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Best Local Similarity
Matches 8; Conserv
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Sequence 4, Application US/11021441

Publication No. US20050249748A1

GENERAL INFORMATION:

APPLICANT: DINCEMATION:

APPLICANT: DINCEMATION:

APPLICANT: DINCEMAN: Daniel A.

APPLICANT: COOK, David N.

TITLE OF INVENTION: EXCEMBINANT NUCLEIC ACID MOLECULES,

TITLE OF INVENTION: EXCENSION CASSETTES, AND BACTERIA, AND METHODS OF USE

FILE REFERENCE: 282172003900

CURRENT FILING DATE: 2004-12-23

FRIOR FILING DATE: 2004-10-06

PRIOR PAPLICATION NUMBER: US 60/615,750

PRIOR APPLICATION NUMBER: US 60/615,287

PRIOR PELING DATE: 2004-10-01

PRIOR FILING DATE: 2004-10-01

PRIOR FILING DATE: 2004-00-05

PRIOR PELICATION NUMBER: US 60/556,744

PRIOR FILING DATE: 2004-03-26

PRIOR FILING DATE: 2004-03-26

NUMBER OF SEQ ID NOS: 129

SECTAMES OF SEQ ID NOS: 129
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                                                                                                                                                                                                                                                                                                                                                                              29.0%; Score 36; DB 7; Length 497; 58.3%; Pred. No. 36; tive 2; Mismatches 3; Indels
PRIOR APPLICATION NUMBER: US 10/883,599
PRIOR FILING DATE: 2004-06-30
PRIOR FILING DATE: 2004-03-26
NUMBER OF SEQ ID NOS: 129
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 497
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18-11-074-176-320
9 Sequence 320, Application US/11074176
9 Publication No. US20050250135A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Fusion protein
                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Fusion protein
                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Seguence
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103 HTYEDPNQAVLK 114
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651 HTYEDPNQAVLK 662
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Best Local Similarity 58.3
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 58.3
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6 NAYOKANQAVLK 17
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LENGTH: 1035
                                                                                                                                                                                                                                                                                                                            US-11-021-441-24
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Query Match
Best Local Similarity
Matches 9; Conserv
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NAME/KEY: PEPTIDE
LOCATION: (326)..(385)
OTHER INFORMATION: biomarker peptide 7258 Da, processed fragment of
OTHER INFORMATION: Chromogranin B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
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APPLICANT: Ciphergen Biosystems, Inc.
TITLE OF INVENTION: Biomarkers for Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: PEPTIDE
LOCATION: (21)..(677)
OTHER INFORMATION: Chromogranin B (Secretogranin I)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/10510386
Publication No. US20050244922A1
GENERAL INFORMATION:
APPLICANT: Andersen, Jens Tonne
APPLICANT: Clausen, Ib Groth
APPLICANT: Orgenen, Steen Troels
APPLICANT: Orgenen, Steen Troels
APPLICANT: Orgenen, Michael Dolberg
TITLE OF INVENTION: Improved Bacillus Host Cell
FILE REFERENCE: 10294.204-US
CURRENT APPLICATION NUMBER: US/10/510,386
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 248
SEQ ID NO 2
                                  TITLE OP INVENTION: BIOMBERE OI ALLIBELINGE,
FILE REPERENCE: 016866-0115500S
CURRENT APPLICATION NUMBER: US 60/518,545
FRIOR PRIOR APPLICATION NUMBER: US 60/518,360
PRIOR FILING DATE: 2004-11-07
PRIOR PLING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: US 60/526,753
PRIOR PLING DATE: 2003-12-02
PRIOR PLING DATE: 2003-12-02
PRIOR PLING DATE: 2004-02-19
PRIOR PLING DATE: 2004-02-19
PRIOR PLING DATE: 2004-02-23
PRIOR PLING DATE: 2004-02-23
PRIOR PLING DATE: 2004-02-23
PRIOR PLING DATE: 2004-02-23
PRIOR PLING DATE: 2004-02-18
PRIOR PRILING DATE: 2004-05-18
PRIOR PLING DATE: 2004-07-08
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN VOIC: 2.1
LENGTH: 677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Chromogranin B precursor

; LOCATION: (341)
; OTHER INFORMATION: Xaa = sulfotyrosine
US-10-982-545-12

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)...(20)
OTHER INFORMATION: signal peptide
PEATURE:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: MOD_RES
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                                                                                                                 h Similarity 42.9%; Score 15; DB 1; Length 802; Similarity 42.9%; Pred. No. 94; 9; Conservative 2; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Andersen, Jens Tonne
APPLICANT: Clausen, Ib Groth
APPLICANT: Organisen, Steen Troels
APPLICANT: Olsen, Peter Bjarke
APPLICANT: Rasmussen, Michael Dolberg
TITLE OF INVENTION: Improved Bacillus Host Cell
FILE REFERENCE: 1029-204-08
CURRENT APPLICATION NUMBER: US/10/510,386
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 248
SOFTWARE: Patentin version 3.3
SEQ ID NO 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 28.2%; Score 35; DB 1;
Best Local Similarity 41.7%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Search completed: November 22, 2005, 20:54:14 Job time : 2.65289 secs
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                                                                                                                                                                                                                                                                                                                                     RESULT 15
US-10-386-218
Sequence 218, Application US/10510386
Publication No. US20050244922A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                     5 KNAYQKANQAVLKAKEASSYD 25
; LENGTH: 802
; TYPE: PRT
; ORGANISM: Bacillus licheniformis
US-10-510-386-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) ORGANISM: Bacillus licheniformis US-10-510-386-218
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PRIOR FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: US 08/416,711
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Sequence 66, Appl
Sequence 10, Appl
Sequence 20, Appl
Sequence 66, Appl
Sequence 70, Appl
Sequence 70, Appl
Sequence 69440, Ap
Sequence 2244, Ap
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7, Appli
1, Appli
1, Appli
2, Appli
2, Appli
2, Appli
2, Appli
5967, Appli
203902,
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Sequence 11, Appl
Sequence 7, Appli
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                                                                         November 22, 2005, 20:24:49; Search time 72.314 Seconds (without alignments) 144.450 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1,
Sequence 1,
Sequence 1,
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Sequence 2,
Sequence 2,
Sequence 59
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Sequence
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Sequence 1
Sequence 1
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-691-6724-7
US-10-691-672A-7
US-10-238-741-1
US-10-238-741-1
US-10-238-741-2
US-10-238-741-2
US-10-294-770-2
US-10-294-770-2
US-10-294-770-2
US-10-294-770-2
US-10-374-602-1
US-10-437-963-203902
US-10-437-963-203905
US-10-177-725-6
US-10-177-725-6
US-10-177-725-6
US-10-177-725-6
US-10-177-725-6
US-10-177-725-70
US-10-393-449-70
                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                           1867569 segs, 417829326 residues
                                                                                                                                               124
1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
. Maximum Match 100%
Listing first 45 summaries
                                                     OM protein - protein search, using sw model
                                                                                                                                                                                      BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                  US-10-774-602-11
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Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Title:
Perfect score:
                                                                                                                                                                                        Scoring table:
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                                                                                                                                                              Sequence:
                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                                                                                                                                                                 Database
                                                                              Run on:
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No.
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| 00, 00, 70, 70, 70, 70, 70, 70, 70, 70, 70, 70, 70, 70, | ANTIGENS INDUCING PROTECTIVE ANTIBODIES | °° | ANTIBODIES |
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| 167910, 134639, 2032470, 2032470, 323, App 320, App 300, App 42602, Ap 390, App 42602, App 42602, App 116, App 65824, A 116, App 116, App 116, App 116, App 116, App 116, App 116, App 116, App | IIVE | Gaрв | TIVE |
| Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq | PROTEC | ; 0 | PROTEC' |
| | INDUCING | Length 25 Indels | INDUCING PROTECTIVE |
| 3-167910 3-134639 3-2032450 3-2032450 3-129 0-30 2-10357 4-308 2A-56235 2A-56235 2A-56235 2A-56235 2A-56235 2A-56235 2A-56235 2A-56235 2A-56235 3-30 3-30 3-30 3-30 3-30 3-30 3-30 3- | SANTIGENS | DB 4; 3.5e-10; es 0; | ANTIGENS |
| US-10-437-963-167910 US-10-437-963-134639 US-10-437-963-203247 US-10-437-963-167916 US-09-741-669-323 US-09-912-020-333 US-09-912-020-337 US-10-287-214-308 US-10-287-212A-42602 US-10-287-212A-42602 US-10-287-212A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-122A-6535 US-10-282-123A-6535 US-10-282-123A-6535 US-10-282-123A-6535 US-10-282-123A-6535 US-10-282-123A-6535 US-10-282-123A-6535 | NMENT ARUM 47 11 | 9 124; . No. smatch 25 25 | 05 G |
| | 02947 UM FP US/10 11-15 9 09/3 9 8/4 1/FR9 8 8 | .0%; S .0%; F .0, .0, | 07746 A1 UM FA US/10 2-10 09/3 |
| 11252 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201710 201 | ESULT 1 IS-10-294-770-11 Sequence 11, Application US/10294770 Publication No. US20030161840A1 GENERAL INFORMATION: APPLICANT: DRUILHE, PIERRE FILE REFERENCE: 230759USOCIP CURRENT APPLICATION NUMBER: US/10/294,77 CURRENT PILING DATE: 1999-07-19 PRIOR PILING DATE: 1999-07-19 PRIOR FILING DATE: 1999-07-19 PRIOR FILING DATE: 1999-07-19 PRIOR FILING DATE: 1993-10-18 PRIOR FILING DATE: 1993-08-08 PRIOR FILING DATE: 1993-03-10 RIOR PRILING DATE: 1993-10-18 PRIOR PLING DATE: 1993-10-18 PRIOR APPLICATION NUMBER: PCT/FR93/0102-18-18-18-18-18-18-18-18-18-18-18-18-18- | 100.0%; Score Similarity 100.0%; Pred 15; Conservative 0; Mis YEKAKNAYOKANQAVLKAKEASSYD | i-602-11 tcion No. US20040141987A1 i. INPORMATION: INPORMATION: PLEERENCE: OF INVENTION: PLASMODIUM FALCIPAR OF INVENTION: PREFINED: PREFINED: OF THING DATE: 2004-02-10 APPLICATION NUMBER: US 09/356,947 RILING DATE: 1999-07-19 APPLICATION NUMBER: US 10/238,741 PILLING DATE: 2002-09-11 |
| | -770-11 e 11, Applica tion No. US20 tion No. US20 to INTERNICE: 230 T APPLICATION: T FILING DATE: APPLICATION N FILING DATE: TEST REPORTED NO. 1 H: 25 FRT H: 25 FRT TSM: Artifici. RE: TSM: Artifici. RE: TSM: Artifici. | milarit Conse EKAKNAY | Applica Applica O. US2O MATION: RUILHE, ENTION: CCE: 248 ICATION NG DATE ATION N DATE: DATE: |
| 44444444444 80808020 | RESULT 1 US-10-294-770-11 Sequence 11, Applica Publication No. US20 GENERAL INFORMATION: APPLICANT: DRUILHE, FILE REFERENCE: 230 CURRENT EFFERENCE: 230 CURRENT APPLICATION CURRENT APPLICATION CURRENT APPLICATION FILING DATE: PRIOR FILING DAT | itch sal S 25 1 | RESULT 2 US-10-774-602-11 Sequence 11, Application US, Publication No. US200401419, GENERAL INFORMATION: APPLICANT: DRUILME, PIERR, TITLE OF INVENTION: PLASM, FILE REFERENCE: 248791USOI, CURRENT FILING DATE: 200-10-10-10-10-10-10-10-10-10-10-10-10-1 |
| 80012644666666666666666666666666666666666 | RESULT 1 US-10-294-7 Sequence Sequence GENERAL II APPLICAN TITLE OF FILE ROF FILE PRIOR FIL PRIO | Query Me Best Loc Matches Qy | RESULT 2 US-10-774 Sequence; Publica; Publica; TITLE; TITLE; FILE R; CURREN; PRIOR; PRIOR; PRIOR; PRIOR; PRIOR; PRIOR; PRIOR; PRIOR; PRIOR; |
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Gaps

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AL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHGAUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER KEADABLE FOUR

COMFUTER: IBM PC compatible
COMFIGNATION SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-Nov-2002
CLASSIFICATION COMPANDED: US/09/356,497
FILING DATE: 19-Jul-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 19-Jul-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 19-OCT-1993
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 19-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: OBLOW, NORMAN F.
REGISCARATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELEFRAX: 703-413-3200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 64;
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Pred. No. 1.2e-08;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON
                                                                                                              Score 116; DB 4;
Pred. No. 1.2e-08;
                                                                                                                                                         2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-238-741-1
                                                                                                                                                                                                    1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                             1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/10238741 Publication No. US20040096466A1 GENERAL INFORMATION:
                           ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-294-770-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
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1 Similarity 92.0%;
23; Conservative
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SEQUENCE CHARACTERISTICS
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
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Best Local Similarity 92.01
Matches 23; Conservative
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Best Local Similarity
Matches 23; Conserva
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US-10-238-741-1
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| Sequence 1, Application US/10294770
| Publication No. US20030161840A1
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| PAPLICATION:
| TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
| FILE REFERENCE: 230759USOCIP
| CURRENT PAPLICATION NUMBER: US/10/294,770
| CURRENT PILING DATE: 2002-11-15
| PRIOR RPLICATION NUMBER: US 09/356,947
| PRIOR FILING DATE: 1999-07-19
| PRIOR FILING DATE: 1995-08-08
| PRIOR FILING DATE: 1993-10-18
| PRIOR FILING DATE: 1993-10-18
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: Patentin version 3.1
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Publication No. US20050112133A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GLURP-MSP3 FUSION PROTEIN, IMMUNOGENIC COMPOSITIONS AND TITLE OF INVENTION: MALARIAL VACCINES CONTAINING IT FILE REPRENCE: 02356.0085
CURRENT APPLICATION NUMBER: US/10/691,672A

CURRENT FILING DATE: 2003-10-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 3.3

SEQ ID NO 7

LENGTH: 188
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100.0%; Score 124; DB 4;
Best Local Similarity 100.0%; Pred. No. 3.5e-10;
Matches 25; Conservative 0; Mismatches 0;
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100.0%; Score 124; DB 5;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 25; Conservative 0; Mismatches 0;
PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: PCT/FR93/01024
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SEQ TWARE: Patentin version 3.1
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                            1 YEKAKNAYOKANQAVLKAKEASSYD 25
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                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic Peptide
US-10-774-602-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: SITE
LOCATION: (1)...(188)
OTHER INFORMATION: MSP3a to MSP3f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Plasmodium falciparum
                                                                                                                                                                              ORGANISM: Artificial Seguence
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US-10-691-672A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-691-672A-7
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Gaps

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APPLICANT: DRUILHE, PIERRE TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROFECTIVE ANTIBODIES FILE REFERENCE: 248791USODIV CURRENT APPLICATION NUMBER: US/10/774,602 CURRENT FILING DATE: 2004-02-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                               OEUVRAY, CLAUDE
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/356,497

APPLICATION NUMBER: US/09/356,497

APPLICATION NUMBER: US/09/36,711

FILING DATE: 19-Jul-1999

APPLICATION NUMBER: PCT/FR93/01024

FILING DATE: 19-OCT-1993

APPLICATION NUMBER: FR 92/12488

FILING DATE: 19-OCT-1992

ATORNEY/AGENT INFORMATION:

NAME: OBLON, NORWAN F.

RESISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 660-085-0 PCT

TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 77.4%; Score 96; DB 4; Le
Best Local Similarity 84.0%; Pred. No. 2.4e-06;
Matches 21; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                 STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARINGTON STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-NOV-2002
CLASSIFICATION: <Unknown>
                                                                                                           APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-10-238-741-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/10774602 Publication No. US20040141987A1 GENERAL, INFORMATION:
                                Sequence 2, Application US/10238741
Publication No. US20040096466A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 703-413-3000
TELEPAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                          USA
             US-10-238-741-2
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Sequence 2, Application US/10294770

Sequence 2, Application No. US20030161840A1

GENERAL INFORMATION:
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES

FILE REFERENCE: 230759USOCIP

CURRENT APPLICATION NUMBER: US 101/294,770

CURRENT FILING DATE: 1999-07-19

PRIOR FILING DATE: 1999-07-19

PRIOR FILING DATE: 1995-08-08

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-01-18

PRIOR FILING DATE: 1993-10-18

SOFTWARE: PAPELICATION NUMBER: PCT/FR93/01024

NUMBER OF SEQ ID NOS: 14

SEQ ID NOS: 14

FORMATION OF SEQ ID NOS: 14
                                                                                                                                                                                                                             APPLICANT: DRUILHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
FILE REPERENCE: 248791830DIV
CURRENT APPLICATION NUMBER: US 10/10/74,602
FRIOR APPLICATION NUMBER: US 09/356,947
PRIOR APPLICATION NUMBER: US 10/238,741
PRIOR FILING DATE: 1999-07-19
PRIOR FILING DATE: 1995-07-09
PRIOR FILING DATE: 1995-08-08
PRIOR PLILNG DATE: 1995-08-08
PRIOR PLILNG DATE: 1993-01-18
PRIOR PLILNG DATE: 1993-10-18
PRIOR PLILNG DATE: 1993-10-18
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1 HERAKNAYQKANQAVLKAKEASSYD 25
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                                                                                                                                                            ; Sequence 1, Application US/10774602; Publication No. US20040141987A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Plasmodium falciparum
US-10-774-602-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Plasmodium falciparum
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SEQ ID NO 1

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US-10-294-770-2 Query Match

Matches

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Publication No. US20040123343A1
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Sequence 5967, Application US/11097143

Sequence 5967, Application US/11097143

Publication No. UG20050208588A1

GENERAL INFORMATION:

APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

FILE REFERENCE: CL000728

CURRENT APPLICATION NUMBER: 06/15/,832

PRIOR APPLICATION NUMBER: 60/150,191

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR PELLOR TOWN NUMBER: 60/161,769

PRIOR PELLOR TOWN NUMBER: 60/164,769

PRIOR PELLOR DATE: 1999-11-12-28

PRIOR PELLOR DATE: 1999-11-12-28

PRIOR PELLOR DATE: 1999-11-12

PRIOR PELLOR DATE: 1999-11-12

PRIOR PELLOR DATE: 1999-11-12

PRIOR PELLOR DATE: 1999-12-28

PRIOR PELLOR DATE: 2000-02-24

PRIOR PELLOR DATE: 2000-01-12

PRIOR PELLOR DATE: 2000-02-24

PRIOR PELLOR DATE: 2000-02-24

PRIOR PELLOR DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: FASTESEQ FOR WINGOWS VERSION 4.0
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                                                                                                                                                                                                                                                                                                                                                                     Query Match 77.4%; Score 96; DB 4; Length 23; Best Local Similarity 84.0%; Pred. No. 2.4e-06; Matches 21; Conservative 2; Mismatches 0; Indels
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PRIOR FILING DATE: 1999-07-19
PRIOR APPLICATION NUMBER: US 10/238,741
PRIOR FILING DATE: 2002-09-11
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1995-08-08
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
LENGTH: 23
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US-10-437-963-203902
; Sequence 203902, Application US/10437963
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                                                                                                                                                                                                                                                                                            ) ORGANISM: Plasmodium falciparum
US-10-774-602-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 10
US-11-097-143-5967
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                                                                                                                                                                                                                                                                           TYPE: PRT
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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 203902
LENGTH: 866
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; Sequence 203905, Application US/10437963
; Bequence 203905, Application No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Cao, Yongwei
; APPLICANT: Boukharcov, Andrey A.
; APPLICANT: Brabazuk, Brad
; APPLICANT: Brad
; APPL
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US-10-437-963-203902
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US-10-437-963-203905
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41.5%; Score 51.5; DB 4;
Best Local Similarity 52.2%; Pred. No. 2.4e+02;
Matches 12; Conservative 5; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
41.5%; Score 51.5; DB 4;
Best Local Similarity 52.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 5; Mismatches 5;
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OTHER INFORMATION: unsure at all Xaa locations
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
FEATURE:
NAME/KEY: unsure
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Search completed: November 22, 2005, 20:53:59 Job time : 73.314 secs
Publication No. US20030143562A1
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         WES-10-17-725-16

Sequence 16, Application US/1017725

Publication No. US20030143562A1

GENERAL INFORMATION:
APPLICANT: Anderson, David
APPLICANT: Peele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT FILES REFERENCE: A-66900-4/RMS/AMS
CURRENT FILING DATE: 2002-06-20
PRIOR APPLICATION NUMBER: US/10/177,725
CURRENT FILING DATE: 1999-10-08
PRIOR PLING DATE: 1999-10-08
PRIOR PLING DATE: 1998-110-08
PRIOR PLING DATE: 1998-110-08
SPRIOR FILING DATE: 1998-110-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: Patentin version 3.1
SEQ ID NO 16
LENGTH: 79
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| Sequence 20. Application US/1017725
| Publication No. US20030143562A1
| GENERAL INFORMATION:
| APPLICANT: Anderson, David
| APPLICANT: Anderson, David
| APPLICANT: Beele, Beau R. |
| TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SITURE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SITURE OF THIME DATE: 1090-10-08
| CURRENT APPLICATION NUMBER: US/10/177,725
| CURRENT APPLICATION NUMBER: US/90169,015
| PRIOR PILING DATE: 1999-10-08
| PRIOR PILING DATE: 1998-10-08
| NUMBER OF SEQ ID NOS: 173
| SOFTWARE: PARENTIN VERSION 3.1
| SEQ ID NO 20
| LENGTH: 79
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Pred. No. 21;
1; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          40.3%; Score 50; DB 4; Length 79; 63.2%; Pred. No. 21; 1; Mismatches 6; Indels
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US-10-177-725-66
; Sequence 66, Application US/10177725
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ORGANISM: Artificial sequence
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ORGANISM: Artificial sequence
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Best Local Similarity 63.2%;
Matches 12; Conservative
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Best Local Similarity 63.29
Watches 12; Conservative
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US-10-177-725-20
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GENERAL INFORMATION:

APPLICANT: Anderson, David

APPLICANT: Anderson, David

APPLICANT: Begenberger, Jakob M.

APPLICANT: Peele, Beau R.

TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SCREENERS THE REPERENCE: A-66900-4/RMS/AMS

CURRENT PILING DATE: 2002-06-20

PRIOR APPLICATION NUMBER: US 09/415,765

PRIOR PILING DATE: 1999-10-08

PRIOR PILING DATE: 1999-10-08

PRIOR PILING DATE: 1999-10-08

NUMBER OF SEQ ID NOS: 173

SOFTWARE: PATENTH VERSION 3.1

SEQ ID NO 66

LENGTH: 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: MISC_FEATURE
NAME/KEY: MISC_FEATURE
COCATION (21)...(52)
COTHER INFORMATION: "Xaa" at positions 21-23, 25-27, 29-30, 32-34, 36-37, 39-41, 43-4;
COTHER INFORMATION: 5, 47-48, and 50-52 can be any amino acid
US-10-177-725-66
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40.3%; Score 50; DB 4; Length 79;
Best Local Similarity 63.2%; Pred. No. 21;
Matches 12; Conservative 1; Mismatches 6; Indels
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TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                703-413-2220
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MOLECULE TYPE: peptide
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Sequence 1, Appli
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Sequence 2, Appli
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Sequence 12, Appli
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(cgn2_6/ptodata/1/iaa/5_COMB.pep:*
(cgn2_6/ptodata/1/iaa/f_COMB.pep:*
(cgn2_6/ptodata/1/iaa/f_COMB.pep:*
(cgn2_6/ptodata/1/iaa/f_COMB.pep:*
(cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
(cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
        GenCore version 5.1,6
(c) 1993 - 2005 Compugen Ltd.
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US-09-356-497-1

US-10-238-741-1

US-08-416-711-2

US-09-356-497-2

US-09-302-541-16285

US-09-302-54-16285

US-08-303-025-12

US-08-132-488-10

US-08-132-488-10

US-08-132-488-10

US-08-132-488-10

US-08-132-488-10

US-08-132-488-10

US-08-132-488-10

US-08-303-025-11

US-08-303-025-11

US-08-436-7038-15

US-08-436-7038-15

US-08-436-7038-15

US-08-136-7038-2

US-08-136-7038-2
                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
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                                                                                                                     1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                                                                                                    572060 segs, 82675679 residues
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                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                             OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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COUNTRY: USA
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      Patent No. 6949627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23;
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Matches 23
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TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
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th 93.5%; Score 116; DB 2; Length 64; Similarity 92.0%; Pred, No. 6.8e-10; 23; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 93.5%; Score 116; DB 2; Length 64; Best Local Similarity 92.0%; Pred. No. 6.8e-10; Matches 23; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATINE SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-Jul-1999
CLASSIFICATION: <u >Unknown></u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                        Sequence 1, Application US/09356497
Patent No. 6472519
GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-356-497-1
                                                                                  1 YEKAKNAYOKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                YEKAKNAYOKANQAVLKAKEASSYD 25
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TELEFAX: 703-413-2220
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
Query Match
Best Local Similarity
Matches 23; Conserva
                                                                                                                                                                                    RESULT 2
US-09-356-497-1
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RESULT 3 US-10-238-741-1 ; Sequence 1, Application US/10238741

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15.08-416-711-2

15.69cuence 2, Application US/08416711

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15.69cuence 2, Application US/08416711

15.69cuence 3, Application US/08416711

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TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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MEDIUM TYPE: Floppy disk
COMPUTER: IN PC compatible
COMPUTER: ISM PC compatible
CURRENT SYSTEM: PC compatible
CURRENT PATENTIAN DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 19-01-1995
APPLICATION NUMBER: US/08/416,711
FILING DATE: 19-01-1995
APPLICATION NUMBER: US/08/416,711
FILING DATE: 18-0CT-1993
APPLICATION NUMBER: PC PCT/FR93/01024
FILING DATE: 18-0CT-1993
APPLICATION NUMBER: FR 92/12488
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REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
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GENERAL INFORMATION:
APPLICANT: DRUILHE, PIERRE
BOUHAROUN.TAYOUN, HASNAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 19-OCT-1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 703-413-3000
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 10
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APPLICANT: DRUILHE, PIERRE
APPLICANT: DRUILHE, PIERRE
BOUHAROUN-TAYOUN, HASNAQ
GEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROTECTIVE ANTIBODIES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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MEDIUM TYPE: Floppy disk
COMPUTER: IN PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 09-No. 6949627-2002
CLASSIFICATION AUNBER: US/10/238,741
FILING DATE: 19-01-1999
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-01-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-0CT-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-0CT-1995
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-0CT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                            FILING DATE: 08-AUG-1995
APPLICATION NUMBER: C7/FR93/01024
FILING DATE: 18-CCT-1993
APPLICATION NUMBER: FF 92/12488
FILING DATE: 19-CCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F:
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 77.4%; Score 96; DB 2; Le:
84.0%; Pred. No. 1.8e-07;
cive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1755 S. JEFFERSON DAVIS HIGHWAY CITY: ARLINGTON STATE: VA COUNTRY: USA
                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/416,711
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 YEKAKNAYOKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
      <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/10238741
Patent No. 6949627
GENERAL INFORMATION:
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NAME: OBLON, NORMAN F.
                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 84.09
Matches 21, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-356-497-2
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Sequence 2, Application US/09356497
Patent No. 6472519
GENERAL INFORMATION:
BOUHAROUN-TAYOUN, HASNAQ
OEUVRAY, CLAUDE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
PROFECTIVE ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
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0; Indels
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COMPUTER: IBM PC Compatible
OPENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
A APPLICATION NUMBER: US/09/356,497
PILING DATE: 19-Jul-1999
                                                                                                                                                                                                               CURRENT APPLICATION DATA:

SOFTWARE PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE: 08/08/416,711
FILING DATE: 08/08/416,711
APPLICATION NUMBER: PT/FR93/01024
FILING DATE: 18-0CT-1993
PRIOR APPLICATION NUMBER: FR 22/12488
FILING DATE: 19-0CT-1992
ATPONENT/AGENT INFORMATION:
NAME: OBLON, NORMAN F.

REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
TELERDENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEBRANCE/DOCKET NUMBER: 703-413-2220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 77.4%; Score 96; DB Best Local Similarity 84.0%; Pred. No. 1.8e Matches 21; Conservative 2; Mismatches
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 YEKAKNAYQKANQAVLKAKEASSYD 25
                                                                                   COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPAX: 703-413-2220
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / MOLECULE TYPE: peptide US-08-416-711-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: VA
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US-09-356-497-2
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amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-436-703B-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 16285, Application US/09902540

Patent No. 6833447

GENERAL INFORMATION:

APPLICANT: Goldman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Hinkle, Gregory J.

TITLE OF INVENTION: Mycococcus xanthus Genome Sequences and Uses Thereof

FILE REFERENCE: 38-10(15849)B

CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT APPLICATION NUMBER: 02/01-07-10

PRIOR PILING DATE: 2001-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825
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                                                                                                                                                                                                                                                                                                                                                      Query Match 77.4%; Score 96; DB 2; Length 23; Best Local Similarity 84.0%; Préd. No. 1.8e-07; Matches 21; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 8
US-08-303-025-12

Sequence 12, Application US/08303025

Patent No. 5644494

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W.

APPLICANT: Stanley, James C.

TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
                        660-085-0 PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3: Benita J, Rohm, Esq.
150 West Jefferson, Suite 2500
                                                                                                                                         LENGTH: 23 amino acids

TYPE: amino acids

TYPE: amino acids

TYPE: amino acids

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-238-741-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 YEKAKNAYOKANQAVLKAKEASSYD 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 24,618
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                 REFERENCE/DOCKET NUMBER:
TELECOMOUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-220
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CRGANISM: Myxococcus xanthus US-09-902-540-16285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 7
US-09-902-540-16285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 16285
LENGTH: 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Mi
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Gaps
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40.3%; Score 50; DB 1; Length 29;
Best Local Similarity 52.4%; Pred. No. 1.2;
Matches 11; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 11, Application US/08152488

Patent No. 5534619

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECTULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECTULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
CITY: Cranford
STATE: New Jersey
COUNTX: United States of America
2.7P: 07016-1811
COMPUTER: New Jersey
COUNTX: United States of America
2.2P: 07016-1811
COMPUTER: New Jersey
COMPUTER: STATES: NorDES
SOFTWARE: NorDES
SOFTWARE: WorDER-fect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: S14
PRIOR APPLICATION DATA: S14
PRIOR APPLICATION NUMBER: RCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: RADD.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7MG
TELEPHONE: 908-276-5543
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
WUND: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
US-08-152-488-10
TELEFAX: 908-276-3344

TELEFAX: 908-276-5543

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNES: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
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STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 11
US-08-152-488-11
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Sequence 10, Application US/08152488

Fatent No. 5334619

Sequence 10, Application US/08152488

Fatent No. 5334619

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: ANDRESSES C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
ONDERSPENDENCE JADRESS:
ADDRESSES Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
STRRET: 512 Springfield Avenue
CITY: Cranford
STRRET: United States of America
ZIP: 07016-181

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER PRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER PRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBP PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION NUMBER: US-NOV-1993
CLASSIFICATION NUMBER: BCT/US92/08069
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: RM-7WG
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
                  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAX-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
FILING DATE: N/A
ATORNEY/AGENT INFORMATION:
NAME: ROHM: Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7MK-060548-00233
TELECOMMUNICATION INFORMATION:
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1976
TELEPRAS: 313-965-1951
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPER: AMINO ACI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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US-08-436-703B-1
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Gaps

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Query Match 40.3%; Score 50; DB 1; Length 29; Best Local Similarity 52.4%; Pred. No. 1.2; Matches 11; Conservative 5; Mismatches 5; Indels
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; FILING DATE: 14-AUG-1993
US-08-303-025-11
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                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 29 amino acids
amino acid
EDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            N/A
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                                                                                                                                                                                                               Query Match 40.3%; Score 50; DB 1; Length 29; Best Local Similarity 52.4%; Pred. No. 1.2; Matches 11; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James P.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL CORRESPONDENCES: 16
CORRESPONDENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: Deriol

STATE: Michigan

COUNTRY: United States of America

ZIP: 48256-4415

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb

COMPUTER: Ploppy diskette 3.5" 1.44Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS v.6.22

SOFFWARE: WordPerfect 6.1; ASCII (DOS) Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/30.25

FILING DATE: US-08-5PT-1994

CLASSIFICATION DATA:

APPLICATION NUMBER: PCT/US92/06829

FILING DATE: 14-AUG-1992

APPLICATION NUMBER: US 08/152,488

FILING DATE: 12-NOV-1993

ATTORNEY AGENT INFORMATION:

NAME: ROAM: Benita J.

NEFERENCE/DOCKTE NUMBER: 7WH-060548-00231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
               ORGANISM: N/A
PUBLICATION INFORMATION:

AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

STAING DATE: 14-AUG-1993
US-08-152-488-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TITLE: N/A; DOCUMENT NUMBER: PCT/US92/08069; FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 12
US-08-303-025-10
; Sequence 10, Application US/08303025
; Patent No. 5614494
                                                                                                                                                                                                                                                                                                    2 EKAKNAYQKANQAVLKAKEAS 22
                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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ORIGINAL SOURCE:
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Sequence 11, Application US/08303025; Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                         ADDRESSES.
CONTREY: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER: ENORY diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA: 08/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIPICATION DATA: 4040-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 11-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, Benite J.
NAME: REFERENCE/DOCKET NUMBER: 7WH-060548-00231
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Query Match
40.3%; Score 50; DB 1; Length 29;
Best Local Similarity 52.4%; Pred. No. 1.2;
Matches 11; Conservative 5; Mismatches 5; Indels
        NOVEL PEPTIDES FOR HEPARIN AND
LOW MOLECULAR WEIGHT HEPARIN
ANTICOAGULATION REVERSAL
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPAR. TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13 CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: 512 Springfield Avenue CITY: Cranford STATE: New Jersey COUNTRY: United States of America ZIP: 07016-1811 COMPUTRY: United States of America ZIP: 07016-1811 COMPUTRY: IBM PC COMPATION SYSTEM: MS-DOS SOFTWARE: WORDDATH: RODDATH: RODDATH
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CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: REDATE : 28,664
REGERENCE/DOCKET NUMBER: 28,664
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 aming acids
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TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
MOLECULE TYPE: peptide
ORGAINAL SOURCE:
ORGAINSM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-677-304-10
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40.3%; Score 50; DB 1; Length 29;
Best Local Similarity 52.4%; Pred. No. 1.2;
Matches 11; Conservative 5; Mismatches 5; Indels
                                                                                                                        Sequence 13, Application US/08303025

Patent No. 5614494

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL NOMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Detroit
STATE: Michigan
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ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: MOORDPERFECT 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 10-85EPT-1994
CLASSIFICATION BATA:
APPLICATION NUMBER: US 08/152,488
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REFERRENCE/DOCKET NUMBER: 7WH-060548-00231
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
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DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 KKAKKAAKKAKKAAKKAA 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 15
US-08-677-304-10
                                                                                          US-08-303-025-13
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